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Twenty-Sixth Annual Coal Report

OF THE

Illinois Bureau of

LABOR STATISTICS

1907.

47977

ALSO THE

Ninth Annual Report

OF THE

ILLINOIS FREE EMPLOYMENT OFFICES

FOR THE

Year Ended September 30, 1907.

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STATE OF ILLINOIS,
OFFICE OF THE BUREAU OF LABOR STATISTICS,

SPRINGFIELD, Jan. 1, 1908.

Honorable Charles S. Deneen, Governor of Illinois:

SIR—I have the honor, on behalf of the Board of Commissioners of Labor, to submit herewith the twenty-sixth annual report of the coal industry of the State for the year ended, July 1, 1907, together with the ninth annual report of the Illinois Free Employment offices, for the year ended Sept. 30, 1907.

Very respectfully,

DAVID ROSS,
Secretary.

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TWENTY-SIXTH ANNUAL REPORT

Statistics of Coal in Illinois for the Year Ending June 30, 1907.

COAL IN ILLINOIS.

This report constitutes the twenty-sixth annual presentation by this bureau of the coal mining industry of the State. The data concerning this great and growing industry comes to the bureau through the reports of the ten state inspectors of mines, and is obtained by them direct from every operator on uniform schedules specially prepared by the bureau. The record in every respect shows a remarkably prosperous year in this industry.

Following the form of the reports for the past several years the statistics of the coal mines of the State are shown in two classes, designated as shipping mines and local mines. A summary of the leading items gathered from the reports of the inspectors is here presented:

SUMMARY FOR THE YEAR ENDED JUNE 30, 1907.

Number of counties producing coal.....	55
Number of mines and openings of all kinds.....	933
New mines or old mines reopened during the year.....	88
Mines closed or abandoned since last report.....	173
Total output of all mines, in tons of 2,000 pounds.....	47,798,621
Number of shipping or commercial mines.....	411
Total output of shipping mines, tons.....	46,436,839
Number of mines in local trade only.....	522
Output of local mines, tons.....	1,361,782
Total tons of mine run coal.....	11,628,302
Total tons of lump coal.....	20,599,509
Total tons of egg coal.....	2,469,442
Total tons of nut coal.....	2,625,306
Total tons of pea coal.....	9,138,044
Total tons of slack coal.....	1,338,018
Total tons shipped.....	42,032,535
Tons supplied to locomotives at the mines.....	1,100,706
Tons sold to local trade.....	2,503,639
Tons consumed (or wasted) at the plant.....	2,161,741
Average days of active operation for shipping mines.....	209
Average days of active operation for all mines.....	184.1
Average value per ton, all grades at shipping mines.....	\$1.022
Average value per ton of mine run coal at shipping mines.....	\$0.973
Average value per ton of lump coal at shipping mines.....	\$1.296
Average value per ton of egg coal at shipping mines.....	\$1.262
Average value per ton of nut coal at shipping mines.....	\$1.009
Average value per ton of pea or screenings coal at shipping mines.....	\$0.336
Average value per ton of slack coal at shipping mines.....	\$0.336

Aggregate home value of total product.....	\$49,486,396
Average value per ton, all grades at the mines.....	\$1.037
Number of mines in which mining machines are used.....	161
Number of mining machines in use.....	1,105
Number of tons undercut by machines.....	14,490,454
Number of tons mined by hand.....	33,308,168
Average number of miners employed during the year.....	45,498
Average number of other employes underground.....	13,026
Average number of boys employed underground.....	1,595
Average number of employes above ground.....	6,595
Total number of employes.....	66,714
Number of persons at work underground.....	60,119
Number of men on surface.....	6,595
Average price paid per gross ton for hand mining, shipping mines.....	\$0.592
Average price paid per gross ton for machine mining.....	\$0.4791
Number kegs of powder used for blasting coal.....	1,261,910
Number of kegs of powder used for other purposes.....	5,121
Number of pounds of dynamite.....	71,120
Number of men accidentally killed.....	165
Number killed inside of the mines.....	158
Number killed outside of the mines.....	7
Number of wives made widows.....	95
Number of children left fatherless.....	273
Number of men injured so as to lose a month or more of time.....	636
Number of gross tons mined to each life lost.....	289,689
Number of employes to each life lost.....	404
Number of deaths per 1,000 employed.....	2.5
Number of gross tons mined to each man injured.....	74.802
Number of employes to each man injured.....	104
Number injured to 1000 employed.....	9.6

The number of counties reported this year as producing coal is fifty-five; this is one more county than reported last year. However, the number of mines is 85 less than the past year, but the output increased from 38,317,581 tons last year to 47,198,621 tons this year, the increase being 9,481,040 tons, or 24.7 per cent; this is the largest actual increase in tonnage recorded in the history of coal mining in the State.

The number of shipping mines has decreased from 419 last year to 411 for this year, a loss of eight. Altogether the decrease in this class of mines was 17, being four less in the first district; six in the second; four in the fifth and three in the sixth; however there was an increase of nine mines; two in the third district; five in the ninth and two in the tenth; the fourth, seventh and eighth districts have the same number as last year.

The number of persons employed in and around the mines increased 7.1 per cent; this increase was entirely at the shipping mines. At this class of mines the days of active operation was 209, an increase of 10 per cent over last year.

The marked increase shown in the tonnage or output of the mines, also of men employed and days of operation betokens an unusually prosperous year for the coal mine workers of the State.

Machine mining shows a remarkable increase in the number of tons cut and mined by this method; the total tons undercut by machines was 14,490,454 an increase over last year of 4,927,224 tons or 51.5 per cent. This tonnage is over 30 per cent of the total tons produced, and is by a long ways the leading record for machine mining in the State.

The number of machines increased from 962 to 1,105 nearly 15 per cent.

The use of powder in the mines is still on the increase; this year shows that 1,261,910 kegs, 25 pounds each, was consumed in blasting coal; this is an increase of 234,537 kegs or 22.83 per cent more than was used last year.

The fixed price for powder was \$1.75 per keg which is paid by the miners. This applied to the number of kegs used gives the enormous sum of \$2,208,343 paid from the wages of miners where powder is used for blasting down coal. Seventy per cent of this powder is used in the sixth, seventh, eighth, ninth and tenth districts.

There were 165 men killed in the mines during the year, and 636 were more or less seriously injured. The record last year was 155 killed and 480 injured; the number injured this year is greater than for any year since 1896.

The ratio of accidents for the year was 2.5 killed, and 9.6 injured to each 1,000 persons employed.

CLASSIFICATION OF MINES.

As heretofore noted the presentation of the statistics of the coal mines of the State in the classification of shipping and local mines is observed in all tables.

Table 1 is a condensed showing of mines, men and tons of all mines and of the two classes, by districts. For the state the number of mines decreased 8.4 per cent from last year; the number of men increased 7.1 per cent and the tonnage 24.7 per cent.

TABLE 1.—*Mines, Men and Tons, Shipping and Local Mines, by Districts—1907.*

DISTRICTS.	ALL MINES.			SHIPPING.			LOCAL.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First	67	6,950	3,298,049	30	6,510	2,979,910	37	440	218,139
Second.....	139	5,837	2,647,250	16	5,154	2,415,920	123	683	231,330
Third.....	89	3,957	2,213,592	31	3,496	2,043,203	58	461	170,389
Fourth.....	147	4,045	2,423,166	33	3,474	2,296,063	114	571	127,103
Fifth.....	65	4,671	3,317,053	22	4,309	3,096,833	43	362	220,230
Sixth.....	71	7,729	5,777,759	46	7,554	5,693,211	25	175	84,548
Seventh.....	73	7,827	6,718,859	36	7,515	6,657,746	37	312	61,113
Eighth.....	115	9,343	8,145,200	78	9,053	7,991,535	37	290	153,665
Ninth.....	67	7,234	5,582,245	57	7,181	5,563,602	10	53	18,643
Tenth.....	100	9,121	7,775,448	62	8,908	7,698,816	38	213	76,632
The State.	933	66,714	47,798,621	411	63,154	46,436,839	522	3,560	1,361,782

Table 2 shows the percentages of the whole number of mines, men and tons, represented in each district, also the percentages of the same divisions for the shipping and local mines.

The fourth district contains the largest number of mines 15.75 per cent, and the fifth the smallest number, 6.97 per cent. The eighth district produced the largest proportion of coal, 17.04 per cent also em-

ployed the largest number of men, 14.01 per cent; the tenth district follows closely with 13.67 per cent of men employed and 16.27 per cent of the output.

For shipping mines the ninth district leads all the other districts; 85.07 per cent of the mines in this district are of the shipping class, employing 99.27 per cent of the men and producing 99.67 per cent of its tonnage.

The shipping mines in the sixth, seventh, eighth, ninth and tenth districts, comprising the western central and the southern coal field of the State, represent this year, 68 per cent of all mines of the shipping class, employing 63.7 per cent of the men and producing 72.4 per cent of the coal.

TABLE 2—*Percentages of Mines, Men and Tons, all Mines, and of Shipping and Local Mines—1907.*

DISTRICTS.	PERCENTAGES.								
	ALL MINES.			SHIPPING.			LOCAL.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First	7.18	10.42	6.69	44.78	93.67	93.18	55.22	6.33	6.82
Second	14.90	8.75	5.54	11.51	88.30	91.26	88.49	11.70	8.74
Third	9.54	5.93	4.63	34.83	88.35	92.30	65.17	11.65	7.70
Fourth	15.75	6.06	5.07	22.45	85.88	94.75	77.55	14.12	5.25
Fifth	6.97	7.00	6.94	33.85	92.25	93.36	66.15	7.75	6.64
Sixth	7.61	11.59	12.09	64.79	97.74	98.54	35.21	2.26	1.46
Seventh	7.82	11.73	14.05	49.32	96.01	99.09	50.68	3.99	0.91
Eighth	12.33	14.01	17.04	67.83	96.90	98.11	32.17	3.10	1.89
Ninth	7.18	10.84	11.68	85.07	99.27	99.67	14.93	0.73	0.33
Tenth	10.72	13.67	16.27	62.00	97.66	99.01	38.00	2.34	0.99
The State	100.00	100.00	100.00	44.05	94.66	97.15	35.95	5.34	2.85

INCREASE OR DECREASE.

Table 3 presents a comparative table, as to mines, men and tons, for the years 1906 and 1907, the showing is by districts and for all mines. The number of mines decreased 85 or 8.4 per cent from last year; in this respect only the seventh, ninth and tenth districts show an increase; the third and fourth districts represent 80 per cent of the decrease.

The first, second and sixth districts show a decrease in the number of men; all the other districts show an increase, the net increase being 4.431 or 7.1 per cent, all of the districts show an increase in tonnage;

the fifth increased 45.3 per cent; the tenth 44.2 per cent; the seventh 37.7 per cent; the ninth 35.1 per cent. The total increase in the product this year over last was 9,481,040 tons or 24.7 per cent.

TABLE 3—*Mines, Men and Tons for the Years 1906 and 1907, with the Increase or Decrease, by Districts.*

DISTRICT.	TOTAL—1906.			TOTAL—1907.			INCREASE (+) OR DECREASE (—) FOR YR. 1907.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First.....	72	7,091	2,936,330	67	6,950	3,198,049	— 5	— 141	+ 261,719
Second.....	142	6,293	2,311,494	139	5,837	2,647,250	— 3	— 456	+ 335,756
Third.....	129	3,623	1,869,023	89	3,957	2,213,592	—40	+ 334	+ 344,569
Fourth.....	175	3,845	2,026,383	147	4,045	2,423,166	—28	+ 200	+ 396,783
Fifth.....	66	3,997	2,283,018	65	4,671	3,317,053	— 1	+ 674	+1,034,035
Sixth.....	83	7,856	5,160,607	71	7,729	5,777,759	—12	— 127	+ 617,152
Seventh.....	71	6,895	4,878,092	73	7,827	6,718,859	+ 2	+ 932	+1,840,767
Eighth.....	121	8,633	7,330,093	115	9,343	8,145,200	— 6	+ 710	+ 815,107
Ninth.....	62	6,380	4,132,639	67	7,234	5,582,245	+ 5	+ 854	+1,449,606
Tenth.....	97	7,670	5,389,902	100	9,121	7,775,448	+ 3	+1,451	+2,385,546
The State....	1,018	62,283	38,317,581	933	66,714	47,798,621	—85	+4,431	+9,481,040

SHIPPING AND LOCAL MINES.

Table 4 shows all of the mines, men and tons for a series of 15 years with the percentages of increase during this period. The number of mines all classes, increased 18.4 per cent; men 88.5 per cent and tons 139.6 per cent. Shipping mines increased 32.6 per cent; men 119.8 per cent and tons 141.1 per cent.

TABLE 4—*All Mines, Men and Tons and Shipping and Local Mines, for Fifteen Years.*

YEAR	TOTAL.			SHIPPING.			LOCAL		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
1893.....	788	35,390	19,949,564	310	28,737	19,257,682	478	6,653	691,882
1894.....	836	38,477	17,113,576	319	31,243	16,106,613	517	7,234	1,006,963
1895.....	874	38,630	17,735,864	319	31,174	16,578,890	555	7,456	1,156,974
1896.....	901	37,032	19,786,626	330	28,185	18,263,056	571	8,847	1,523,570
1897.....	953	33,788	20,072,758	310	31,322	19,386,573	543	2,466	686,185
1898.....	881	35,026	18,599,299	329	32,297	17,655,561	552	2,729	943,738
1899.....	889	36,991	23,434,445	323	34,307	22,531,356	566	2,684	903,089
1900.....	920	39,384	25,153,929	323	36,298	24,056,996	597	3,086	1,096,933
1901.....	915	44,143	26,635,319	331	40,926	25,526,816	584	3,217	1,108,503
1902.....	915	46,005	30,021,300	332	42,807	28,824,750	583	3,198	1,196,550
1903.....	933	49,814	34,955,400	353	46,494	33,676,537	580	3,320	1,278,863
1904.....	932	54,774	37,077,897	380	51,384	35,779,517	552	3,390	1,298,380
1905.....	990	59,230	37,183,374	397	55,743	35,956,543	593	3,487	1,226,831
1906.....	1,018	62,283	38,317,581	419	58,851	37,122,811	599	3,432	1,194,770
1907.....	933	66,714	47,798,621	411	63,154	46,436,839	522	3,560	1,361,782
Increase.....	145	31,324	27,849,057	101	34,417	27,179,157	44	*3,093	669,900
Percentages of increase..	18.4	88.51	139.60	32.58	119.77	141.13	9.00	*46.49	96.82

* Decrease.

Table 5 presents the number of mines, men and tons of all mines for the series of 15 years, with the percentages of each item represented in the two classes of mines. The percentages of the whole number of mines, men and tons in the shipping class is larger than for any year in the series.

TABLE 5—*Mines, Men and Tons, with Percentages of Shipping and Local Mines for Fifteen Years.*

YEARS.	TOTALS—ALL MINES.			PERCENTAGES.					
				SHIPPING.			LOCAL.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
1893	788	35,390	19,949,564	39.34	81.20	96.53	60.66	18.80	3.47
1894	836	38,477	17,113,576	38.16	81.20	94.10	61.84	18.80	5.90
1895	874	38,630	17,735,864	36.50	80.70	93.48	63.50	19.30	6.52
1896	901	37,032	19,786,626	36.62	76.11	96.26	63.38	23.89	3.74
1897	853	33,788	20,072,758	36.38	92.72	96.53	63.62	7.28	3.47
1898	881	35,026	18,599,299	37.49	92.30	94.93	62.51	7.70	5.07
1899	889	36,991	23,434,445	36.33	92.74	96.15	63.67	7.26	3.85
1900	920	39,384	25,153,929	35.11	92.16	95.64	64.89	7.84	4.36
1901	915	44,143	26,635,319	36.17	92.71	95.84	63.83	7.29	4.16
1902	915	46,005	30,021,300	36.28	93.05	96.01	63.72	6.95	3.99
1903	933	49,814	34,955,400	37.83	93.34	96.34	62.17	6.66	3.66
1904	932	54,774	37,077,897	40.77	93.81	96.50	59.23	6.19	3.50
1905	990	59,230	37,183,374	40.10	94.11	96.70	59.90	5.89	3.30
1906	1,018	62,283	38,317,581	41.16	94.49	96.88	58.84	5.51	3.12
1907	933	66,714	47,798,621	44.05	94.66	97.15	55.95	5.34	2.85

GROUPING OF MINES BY OUTPUT.

Table 6 presents a grouping of mines by districts; the showing is for the number of mines and tons, ranging in output from 1,000 tons to 200,000 tons and over.

TABLE 6—*Grouping of Mines by Tonnage and Districts—1907.*

DISTRICTS.	TONNAGE AND MINES PRODUCING—											
	Under 1,000.		1,000 under 10,000.		10,000 under 50,000.		50,000 under 100,000.		100,000 under 200,000.		200,000 and over.	
	No.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.
First	14	5,544	24	73,428	5	207,534	10	663,918	11	1,560,937	3	686,688
Second	63	26,934	59	179,689	6	114,276	1	72,405	3	397,888	7	1,856,058
Third	26	11,603	33	103,473	18	420,314	5	333,818	4	544,772	3	799,612
Fourth	86	31,744	31	94,330	15	368,982	6	398,190	6	836,377	3	693,548
Fifth	10	4,675	26	86,623	14	323,643	4	307,499	5	778,238	6	1,816,375
Sixth	12	5,832	12	33,720	9	268,658	9	736,578	21	2,765,128	8	1,967,843
Seventh	19	8,635	18	48,595	4	106,620	10	754,309	8	1,266,807	14	4,533,893
Eighth	12	6,834	21	80,837	38	1,064,665	20	1,410,531	12	1,729,222	12	3,853,111
Ninth	4	2,398	10	38,963	24	702,018	11	798,965	6	929,949	12	3,109,952
Tenth	14	4,676	28	87,681	12	330,460	15	1,124,051	19	2,566,846	12	3,661,734
The State.	260	108,875	262	827,339	145	3,907,170	91	6,600,264	95	13,376,164	80	22,978,809

Table 7 shows by districts the percentages of mines, men and tons arranged and classified as to tons of output. For the purpose of comparison the percentages for last year appear at the bottom of the table: the only increase shown over last year is in the group of mines producing over 100,000 tons, all of the mines in the other groups show a decrease in every item. Dividing the grouping into two classes, it is found that the mines producing less than 50,000 tons, comprise 71.5 per cent of the mines; 16.42 per cent of the men but only 10.13 per

cent of the tonnage. The mines having an output of 50,000 tons and over represent only 28.5 per cent of the mines, but employed 83.59 per cent of the men and produced 89.87 per cent of the total product.

TABLE 7—*Percentages of Mines, Men and Tons of Specified Classes, by Districts—1907.*

DISTRICTS.	PERCENTAGES OF MINES, MEN AND TONS—MINES PRODUCING—											
	LESS THAN 10,000 TONS.			10,000 TONS AND LESS THAN 50,000.			50,000 TONS AND LESS THAN 100,000.			100,000 TONS AND OVER.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First	56.72	7.14	2.47	7.46	8.10	6.49	14.93	22.76	20.76	20.89	62.00	70.28
Second	87.77	10.57	7.81	4.32	6.01	4.35	0.72	1.87	2.74	7.19	81.55	85.11
Third	66.29	10.54	5.11	20.21	20.44	18.98	5.63	16.48	15.08	7.87	52.54	60.83
Fourth	79.60	14.21	5.20	10.20	17.58	15.23	4.08	10.51	16.43	6.12	57.70	63.14
Fifth	55.38	5.64	2.75	21.54	10.22	9.76	6.15	8.14	9.27	16.93	76.00	78.22
Sixth	33.80	1.36	0.68	12.68	7.31	4.65	12.68	14.76	12.75	40.84	76.57	81.92
Seventh	50.68	3.88	0.85	5.48	2.45	1.60	13.69	15.14	11.22	30.14	78.03	86.33
Eighth	28.68	2.22	1.08	33.05	17.00	13.07	17.34	18.66	17.31	20.87	62.12	68.53
Ninth	20.90	2.26	0.74	35.82	20.97	12.58	16.42	16.15	14.31	26.86	60.62	72.37
Tenth	42.00	3.18	1.18	12.00	7.71	4.25	15.00	17.11	14.46	31.00	72.00	80.10
The State.	55.96	5.16	1.96	15.54	11.26	8.17	9.75	14.91	13.80	18.75	68.67	76.07
1906	60.71	5.95	2.81	16.40	14.08	13.30	8.74	18.02	15.96	14.15	61.95	67.93

Table 8 is a further grouping of the mines in the State measured by the tonnage, showing the number of mines also the number of men employed and the tons produced by each class.

TABLE 8—*Classification of Mines as to Tonnage with Percentages of Mines, Men and Tons—1907.*

MINES PRODUCING—	Number of mines.	Number of men.	Tonnage.	PERCENTAGES OF		
				Mines.	Men.	Tons.
Less than 1,000 tons	260	854	108,875	27.82	1.28	0.23
1,000 and less than 10,000	262	2,766	827,337	28.08	4.14	1.73
10,000 and less than 50,000	145	7,516	3,907,170	15.56	11.26	8.17
50,000 and less than 100,000	91	9,949	6,600,264	9.76	14.92	13.81
100,000 and less than 200,000	95	17,290	13,376,164	10.20	25.92	27.98
200,000 and over	80	28,339	22,978,809	8.58	42.48	48.08
Totals	932	66,714	47,753,621	100.00	100.00	100.00

Table 9 presents the grouping of mines by tonnage for a series of twenty-five years. The notable changes in the several groups are in the decrease in the number of mines producing less than 1,000 tons, and the large increase in the class producing 200,000 tons and over, this increase being 70 per cent.

TABLE 9—*Number of Mines in Specified Groups of Tonnage for a Series of Twenty-five Years.*

YEAR.	NUMBER OF MINES PRODUCING—						Total mines.
	Under 1,000 tons.	1,000 and under 10,000 tons.	10,000 and under 50,000 tons.	50,000 and under 100,000 tons.	100,000 and under 200,000 tons.	200,000 tons and over.	
1885	209	233	133	39	10	15	639
1884	262	273	148	38	16	4	741
1885	286	290	143	40	13	1	778
1886	216	280	135	44	11	3	789
1887	320	278	141	42	18	2	801
1888	327	272	151	47	20	5	822
1889	321	316	139	55	20	3	854
1890	398	301	155	54	24	4	936
1891	403	260	161	52	37	6	918
1892	332	239	151	65	46	6	839
1893	282	232	140	75	47	12	788
1894	312	252	161	61	44	6	836
1895	319	276	145	61	45	9	855
1896	330	280	128	63	45	16	862
1897	346	250	120	79	41	17	853
1898	351	244	151	86	42	7	881
1899	346	261	123	78	56	25	889
1900	340	295	123	70	65	27	920
1901	313	308	124	79	58	33	915
1902	314	263	152	76	72	38	915
1903	313	293	120	75	87	45	933
1904	301	275	140	72	98	46	932
1905	321	299	147	83	88	52	990
1906	336	282	167	89	97	47	1,018
1907	260	262	145	91	95	80	933
Increase in 25 years	51	29	12	52	85	65	294

Table 10 shows, by percentages, the same grouping of mines for the series of 25 years. While the whole number of mines has increased only 46 per cent, the number producing 50,000 tons of coal and over has increased over 300 per cent. The bottom line of the table shows the percentage of the increase of mines in each group.

TABLE 10—*Percentages of Mines in Specified Grouping of Tonnage for a Series of Twenty-five Years.*

YEAR.	Total mines.	PERCENTAGES OF MINES PRODUCING					
		Under 1,000 tons.	1,000 and under 10,000 tons.	10,000 and under 50,000 tons.	50,000 and under 100,000 tons.	100,000 and under 200,000 tons.	200,000 tons and over.
1883	639	32.71	36.47	20.81	6.10	1.56	2.35
1884	741	35.36	36.84	19.97	5.13	2.16	.54
1885	778	36.76	37.27	18.38	5.14	2.32	13
1886	789	40.05	35.49	17.11	5.58	1.39	.38
1887	801	39.95	34.71	17.60	5.24	2.25	25
1888	822	39.79	33.09	18.37	5.71	2.43	.61
1889	854	37.59	37.00	16.25	6.44	2.34	.35
1890	936	42.52	32.16	16.56	5.77	2.56	.43
1891	918	43.79	28.32	17.54	5.67	4.03	.65
1892	839	39.69	29.44	17.76	7.03	4.89	1 19
1893	788	35.91	29.44	16.24	10.92	5.71	1.78
1894	836	37.08	29.07	19.62	8.25	5.26	72
1895	859	36.43	33.29	16.65	7.33	5.25	1 05
1896	874	38.90	30.66	14.88	8.35	5.61	1.60
1897	853	40.56	29.31	14.07	9.26	4.81	1.99
1898	881	39.84	27.70	17.14	9.76	4.77	.79
1899	889	38.92	29.36	13.84	8.66	6.41	2.81
1900	920	36.96	32.07	13.37	7.61	7.06	2.93
1901	915	34.21	33.66	13.55	8.63	6.34	3.61
1902	915	34.32	28.74	16.61	8.31	7.87	4 15
1903	933	33.55	31.40	12.86	8.04	9.33	4.82
1904	932	32.30	29.50	15.02	7.73	10.51	4.94
1905	990	32.43	30.20	14.85	8.38	8.89	5.25
1906	1,018	33.01	27.70	16.40	8.74	9.53	4.62
1907	933	27.82	28.08	15.56	9.76	10.20	8.58
Percentage of increase in 25 years	46.0	24.4	12.4	9.0	13.33	850.0	433.3

Table II presents by tonnage the same grouping of mines for a period of 16 years, 1892-1907, with the increase and decrease during the period. The three groups of mines producing under 1,000 tons to 50,000 show a decrease of 9.3 per cent. On the other hand, the mines producing 50,000 tons and over show an increase of 243 per cent. The increase of the product of all mines during the series of years was 29,936,345 tons, or 167.6 per cent.

TABLE II—*Grouping of Mines by Tonnage for a Series of Sixteen Years.*

YEAR.	TONNAGE OF MINES PRODUCING—					
	Under 1,000 tons.	1,000 and under 10,000.	10,000 and under 50,000.	50,000 and under 100,000.	100,000 and under 200,000.	200,000 and over.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1892.....	147,777	1,058,078	4,134,259	4,293,472	5,855,091	2,373,599
1893.....	121,636	726,199	3,132,499	6,179,487	6,291,965	3,497,778
1894.....	137,507	702,623	4,022,545	4,742,257	6,035,094	1,473,550
1895.....	151,430	866,019	3,609,918	4,416,969	6,346,937	2,344,591
1896.....	141,690	807,148	3,265,822	5,049,694	6,557,545	3,962,435
1897.....	150,445	773,526	3,162,713	5,693,193	5,778,374	4,514,507
1898.....	161,622	692,149	3,785,962	6,351,513	5,898,596	1,709,457
1899.....	137,582	790,948	2,877,117	5,618,924	7,443,023	6,566,851
1900.....	154,318	969,424	3,255,570	5,009,326	8,995,963	6,769,328
1901.....	227,419	838,989	3,393,827	5,795,953	8,008,897	8,370,234
1902.....	161,058	763,597	3,694,890	5,376,350	9,923,538	10,101,867
1903.....	126,678	871,342	3,396,343	5,445,195	12,387,437	12,728,405
1904.....	126,397	934,042	3,602,660	5,200,551	13,753,975	13,460,272
1905.....	129,403	993,394	3,852,565	5,868,103	12,158,090	14,181,792
1906.....	127,232	949,073	5,097,972	6,116,018	13,462,256	12,565,030
1907.....	108,875	827,337	3,907,170	6,600,264	13,376,164	22,978,809
Increase (+) or decrease (—) in 16 years.....	—38,902	—230,741	—227,089	+2,306,792	+7,521,073	+20,605,210

Table 12 shows the percentages of the increase or decrease of tonnage from year to year in each group for the 16 years and for the entire period.

TABLE 12—*Percentages of Tons Produced by Specified Grouping of Tonnage for Sixteen Years.*

YEARS.	Total tons.	PERCENTAGE OF TONS PRODUCED BY MINES PRODUCING—					
		Under 1,000 tons.	1,000 and under 10,000 tons.	10,000 and under 50,000 tons.	50,000 and under 100,000 tons.	100,000 and under 200,000 tons.	200,000 tons and over.
1892	17,862,276	.82	5.92	23.15	24.04	32.78	13.29
1893	19,949,564	.61	3.64	15.70	30.98	31.54	17.53
1894	17,113,576	.80	4.11	23.50	27.71	35.26	8.61
1895	17,735,864	.85	4.88	20.35	24.91	35.79	13.22
1896	19,784,334	.72	4.08	16.51	25.52	33.14	20.03
1897	20,072,758	.75	3.85	15.75	28.37	28.79	22.49
1898	18,599,299	.87	3.72	20.36	34.15	31.71	9.19
1899	23,434,445	.59	3.98	12.28	23.97	31.76	28.02
1900	25,153,929	.61	3.86	12.94	19.92	35.76	26.91
1901	26,635,319	.85	3.15	12.74	21.76	30.07	31.43
1902	30,021,300	.54	2.54	12.31	17.90	33.06	33.65
1903	34,955,400	.36	2.49	9.72	15.58	35.44	36.41
1904	37,077,897	.34	2.52	9.72	14.03	37.09	36.30
1905	37,183,374	.35	2.67	10.36	15.78	32.70	38.14
1906	38,317,581	.33	2.48	13.31	15.96	35.13	32.79
1907	47,798,621	0.23	1.73	8.17	13.81	27.98	48.08
Percentage of increase (+) or decrease (—) in sixteen years	+167.6	—26.3	—21.8	—5.5	+53.7	+128.5	+868.1

MINES OF LARGEST OUTPUT.

Table 13 presents a list of 95 individual mines which produced 100,000 tons and less than 200,000 during the year, with the name of the operator and the location of each mine. The total product of these mines was 13,376,164 tons, or 28 per cent of the total output. The average output of these mines was 140,802 tons.

TABLE 13—*Mines from which more than 100,000 Tons and less than 200,000 Tons of Coal have been delivered during the Year 1907.*

Rank.	Companies.	Location.	Tons.
1	Clark Coal & Coke Co., A	Peoria	199,196
2	Southern Coal & Mining Co., No. 8.....	Belleville	196,504
3	Superior Coal & Mining Co.....	Belleville	195,284
4	Muddy Valley Mining & Mfg. Co., No. 1.....	Hallidayboro.....	192,448
5	Black Diamond Coal Co.....	Auburn.....	192,163
6	Oglesby Coal Co., Oglesby	Oglesby.....	191,427
7	Trenton Coal Co.....	Trenton	190,894
8	Pana Coal Co., No. 2.....	Pana	190,405
9	O'Gara Coal Co., No. 3	Harrisburg.....	188,887
10	Capitol Coal Co., No. 2	Springfield.....	185,720
11	Illinois Midland Coal Co., Victor.....	Pawnee	182,415
12	Paradise Coal & Coke Co., No. 1.....	Duquoin.....	182,315
13	Little Vermilion Coal Co., No. 1.....	Georgetown	178,158
14	Green Ridge Mining Co., Green Ridge	Green Ridge	177,796
15	Empire Coal Co., No. 3.....	Gilchrist.....	175,086
16	Chicago-Herrin Coal Co., No. 1	Herrin	173,199
17	Madison Coal Corporation, No. 5.....	Mt. Olive.....	172,330
18	O'Gara Coal Co. No. 4.....	Harrisburg.....	172,169
19	LaSalle County Carbon Coal Co., Union.....	LaSalle	170,824
20	Kelley Coal Co., No. 42.....	Westville	169,936
21	Springfield Coal Co., No. 6.....	Taylorville.....	169,110
22	Kelley Coal Co., No. 47.....	Grape Creek	168,731
23	Maplewood Coal Co., No. 1.....	Farmington	167,448
24	Cartersville-Big Muddy Coal Co., No 1.....	Cambria.....	166,136
25	Prairie Coal Co.....	Belleville.....	166,134
26	DeCamp Coal & Mining Co.....	Staunton.....	165,328
27	Penwell Coal Co., Penwell.....	Pana	165,176
28	Joe Taylor Coal Co., St. Ellans.....	O'Fallon	164,555
29	Braceville Coal Co., No. 6.....	Braceville	163,556
30	Canton Coal Co., Drakes.....	Canton	162,363
31	White Walnut Coal Co., No. 1.....	Pinckneville.....	159,076

Table 13—Continued.

Rank.	Companies.	Location.	Tons.
32	Joe Taylor Coal Co., Mentor	O'Fallon	156,900
33	Acme Coal Co., Acme	Streator	156,809
34	Illinois Collieries Co. No. 2	Springfield	156,720
35	Springfield Colliery Co., No. 1	Springfield	155,578
36	Springfield Coal Mining Co., No. 4	Springfield	151,512
37	Chicago-Marion Coal Co., No. 1	White Ash	150,554
38	Big Four-Wilmington Coal Co., No. 5	Carbon Hill	147,222
39	Whitebreast Fuel Co., E.	Dunfermline	144,527
40	Consolidated Coal Co., No. 10	Mt. Olive	143,768
41	Tuxhorn Coal Co., Tuxhorn	Springfield	141,329
42	Consolidated Coal Co., No. 8	Mt. Olive	140,522
43	Benton Coal Co.	Benton	140,353
44	O'Gara Coal Co., No. 1	Harrisburg	139,219
45	Electric Coal Co., Electric	Danville	137,682
46	Hafer Washed Coal Co. No. 3	Carterville	137,101
47	St. Louis-Carterville Coal Co., Walnut Ridge	Herrin	135,518
48	O'Gara Coal Co., No. 7	Carrier Mills	135,026
49	Morris Coal Mining Co. No. 1	Norris	134,279
50	Big Four Wilmington Coal Co., No. 6	Carbon Hill	133,530
51	Duquoin Operating Co.	Duquoin	133,013
52	Lumaghi Coal Co., No. 3	Collinsville	132,961
53	Williamson County Coal Co., No. 1	Johnston City	128,530
54	O'Gara Coal Co., Jefferson	Springfield	127,386
55	Chicago-Springfield Coal Co.	Springfield	126,792
56	LaSalle County Carbon Coal Co., Rockwell	LaSalle	126,652
57	Clark Coal & Coke Co., B	Peoria	126,369
58	Springfield Mining Co., No. 1	Springfield	126,261
59	Citizens Coal Mining Co., Citizens	Lincoln	125,788
60	M. & H. Zinc Co., M. & H	LaSalle	125,253
61	Missouri & Illinois Coal Co.	Willisville	124,298
62	Kelley Coal Co., No. 45	Grape Creek	123,731
63	Chicago, Wilmington & Vermilion Coal Co., No. 2	Streator	123,231
64	Illinois Collieries Co., No. 6	Sorento	120,001
65	Athens Mining Co., No. 2	Athens	118,359
66	Citizens Coal Mining Co., A	Springfield	118,005
67	Auburn & Alton Coal Co., A. & A	Auburn	117,737
68	Big Four Wilmington Coal Co., No. 3	Carbon Hill	117,660
69	McLean County Coal Co., No. 1	Bloomington	117,000

Table 13--Concluded.

Rank.	Companies.	Location.	Tons.
70	O'Gara Coal Co., No. 6.....	Harrisburg.....	115,397
71	Springfield Coal Mining Co., No. 3.....	Springfield.....	114,662
72	Donally-Koennecke Coal Co., No. 1.....	Carterville.....	114,179
73	Spring Valley Coal Co., No. 3.....	Spring Valley.....	111,862
74	Marquette Third Vein Coal Co., No. 1.....	Marquette.....	110,940
75	Big Creek Coal Co., No. 3.....	Cuba.....	110,760
76	Suburban Coal & Mining Co.....	Belleville.....	109,996
77	Wenona Coal Co., No. 1.....	Wenona.....	109,677
78	Wolschlag Coöperative Coal Co.....	Peoria.....	109,530
79	Joe Taylor Coal Co., Taylor Mine.....	O'Fallon.....	109,500
80	Smith Lohr Coal Co.....	Pana.....	107,700
81	Kerns-Donnewald Coal Co.....	Worden.....	107,329
82	Cantrall Coöperative Coal Co.....	Cantrall.....	107,148
83	Saline County Coal Co., No. 1.....	Ledford.....	106,646
84	West End Coal Co., West Shaft.....	Springfield.....	105,355
85	Braceville Coal Co., No. 5.....	Braceville.....	104,773
86	Southern Coal & Mining Co., No. 7.....	Belleville.....	104,730
87	Standard Washed Coal Co., No. 2.....	Bissell.....	104,677
88	Springfield Cooperative Coal Co., New North.....	Springfield.....	104,600
89	Big Muddy Coal & Iron Co., No. 6.....	Murphysboro.....	103,994
90	Carterville Mining Co., No. 1.....	Herrin.....	103,952
91	Peabody Coal Co., No. 2.....	Marion.....	102,481
92	Sangamon Coal Co., No. 2.....	Springfield.....	101,646
93	Cora Coal Co., Cora.....	Springfield.....	101,275
94	O'Gara Coal Co., No. 5.....	Ledford.....	100,771
95	O'Gara Coal Co., No. 10.....	Eldorado.....	100,639
	Total tons,.....		13,376,164

Table 14 is a list of the individual mines, the product of each being 200,000 tons and over for the year. This table gives, in addition to the name of the operator and location of the mine, the days in operation, the depth of the mine, the thickness of the seam and the manner of mining the coal. The list embraces 80 mines, with a total output of 22,978,809 tons. Last year there were 47 mines in this classification with an output of 12,565,030 tons.

The increase of these mines this year over last is 33 in number of mines and 10,413,779 tons. The average number of days for the year was 227, which applied to the tonnage, gives an average daily output of 1,265 tons for each mine.

Special attention is directed to the two mines, Nos. 1 and 2 of the Superior Coal Company, at the head of the list. No. 2 shows a record of 699,127 tons produced in 260 days, or an average of 2,689 tons for each day. No. 1 mine shows a total output of 658,173 tons hoisted in 255 days, or a daily average of 2,581 tons.

Both these mines combined produced 1,357,300 tons, being an average of 2,636 tons for every day worked.

These mines stood at the head of the list of largest mines last year, with an average daily output at No. 1 mine of 2,154 tons and 2,062 tons at No. 2.

The output of these 80 mines is 48 per cent of the total output of the State.

TABLE 14—*Mines from which more than 200,000 Tons of Coal have been Delivered during the Year 1907.*

Rank	Companies.	Location.	Days in operation.	Depth of mine.	Thickness of seam, ft. and ins.	Hand or machine.	Tons.
1	Superior Coal Co. No. 2.....	Gillespie	260	324	8	M	699,127
2	Superior Coal Co. No. 1.....	do.....	255	348	8	M	658,173
3	Mt. Olive & Staunton Coal Co. No. 2	Staunton.....	233	300	6	M	510,052
4	Dering Coal Co. No. 2.....	Westville	297	215	6	H	495,752
5	Big Muddy Coal & Iron Co. No. 7	Herrin	272	140	9	H	486,660
6	Chicago & Carterville Coal Co., A	do.....	262	180	9	H-M	451,093
7	Consolidated Coal Co., No. 17	Collinsville.....	202	236	7	M	438,176
8	New Staunton Coal Co.....	Livingston.....	221	287	6	M	412,230
9	Donk Bros. Coal & Coke Co., No. 2.....	Marysville	214	245	7	M	407,583
10	Big Muddy Coal & Iron Co., No. 8.....	Clifford.....	268	180	9	M	386,123
11	Sunnyside Coal Co., No. 1.....	Herrin	246	145	9	H-M	383,180
12	Mt. Olive & Staunton Coal Co., No. 1....	Staunton.....	230	292	6	M	370,156
13	Kelley Coal Co., No. 44.....	Westville	239	90	7	H	360,279
14	Illinois Collieries Co., No. 1.....	Virden.....	204	320	7.6	M	356,579
15	Peabody Coal Co., No. 3.....	Marion	197	102	9	H-M	356,259
16	St. Paul Coal Co., No. 2.....	Cherry.....	279	317	5	H	348,941
17	Burnwell Coal Co., No. 24.....	Witt.....	241	534	8	H	338,132
18	Chicago, Wilm. & Ver. Coal Co., No. 1..	Thayer.....	174	292	7.11	M	336,849
19	Donk Bros. Coal & Coke Co., No. 1.....	Donkville	191	135	6	H	330,373
20	Devlin Coal Co., No. 1.....	Toluca.....	261	512	2.10	H	329,015
21	Centralia Coal Co., No., 2.....	Centralia.....	265	576	6	H	325,544
22	Zeigler Coal Co.....	Zeigler	290	505	12.2	M	321,285
23	Consolidated Coal Co., No. 15.....	Mt. Olive	177	320	7	M	319,195

Table 14—Continued.

Rank	Companies.	Location.	Days in operation.	Depth of mine.	Thickness of seam, ft. and ins.	Hand or machine.	Tons.
24	Majestic Coal & Coke Co., No. 1.....	DuQuoin.....	217	400	9	H	318,997
25	Superior Coal Co., No. 3.....	Gillespie.....	278	340	8	M	313,525
26	Western Coal Mining Co., No. 1.....	Bush.....	245	185	9	H	309,911
27	Dering Coal Co., No. 3.....	Steelton.....	289	187	6	H	308,232
28	Consolidated Coal Co., No. 14.....	Staunton.....	197	284	6.6	M	307,383
29	Spring Valley Coal Co., No. 1.....	Spring Valley...	220	339	3.6	H	298,593
30	Madison Coal Corporation, No. 6.....	Divernon.....	161	318	8	M	279,564
31	Dering Coal Co., No. 11.....	West Frankfort.	269	500	9	H-M	279,397
32	Spring Valley Coal Co., No. 4.....	Seatonville.....	236	393	3.6	H	275,778
33	Breese-Trenton Mining Co., East Mine.	Breese.....	257	400	8	H	275,591
34	Centralia Coal Co., No. 4.....	Centralia.....	266	540	6	H	266,671
35	Big Creek Coal Co., No. 2.....	St. David.....	262	45	5	H	261,490
36	Spring Valley Coal Co., No. 2.....	Spring Valley...	223	359	3.6	H	254,580
37	Willis Coal & Mining Co.....	Willisville.....	276	80	6	H-M	254,281
38	St. Paul Coal Co., No. 1.....	Granville.....	280	482	3	H	253,640
39	Woodside Coal Co., Woodside.....	Springfield.....	292	250	5.9	H	252,644
40	Lumaghi Coal Co., No. 2.....	Collinsville.....	220	170	7	M	249,850
41	St. Louis & O'Fallon Coal Co., No. 2...	French Village..	169	197	6	M	243,957
42	Donk Bros. Coal & Coke Co., No. 3.....	Troy.....	204	280	5	H	240,704
43	LaSalle Co. Coal & Coke Co., No. 1.....	LaSalle.....	263	440	3.6	H	239,514
44	St. Louis & O'Fallon Coal Co., No. 1.....	French Village..	146	100	6	H	238,768
45	Latham Coal Co.....	Lincoln.....	214	290	5	H	237,324
46	Chicago, Wilm. & Ver. Coal Co. No., 2.	So. Wilmington..	232	169	3.3	H	236,598
47	Hillsboro Coal Co., Hillsboro.....	Hillsboro.....	217	440	7.6	M	236,397
48	Spring Valley Coal Co., No. 5.....	Dalzell.....	209	421	3.6	H	236,035
49	Kelley Coal Co., No. 46.....	Himrod.....	244	168	8	H	234,173
50	Illinois 3rd Vein Coal Co., No. 1.....	Ladd.....	226	468	3.6	H	231,419
51	Chicago & Big Muddy Coal Co.....	Marion.....	226	81	9	H	230,377
52	Centralia Coal Co., No. 3.....	Centralia.....	248	635	6	H	226,860
53	Southern Coal & Mining Co., No. 9.....	New Baden.....	150	324	8	M	226,778
54	Royal Collieries Co., No. 1.....	Virden.....	188	348	7.6	H	225,897
55	Illinois Collieries Co., No. 8.....	Springfield.....	187	250	5.9	H	225,063
56	Christian Co. Coal Co.....	Taylorville.....	170	470	7.6	H	224,677
57	Cartersville Coal Co., C.....	Cartersville.....	176	90	9	H	223,505
58	Illinois Collieries Co., No. 5.....	Girard.....	168	354	6.6	H	223,445
59	Springfield Coal Mining Co., No. 2.....	Springfield.....	177	232	5.9	H	219,086

Table 14—Concluded.

Rank	Companies.	Location.	Days in operation.	Depth of mine.	Thickness of seam, ft. and ins.	Hand or machine.	Tons.
60	Johnston City Big Muddy Coal Co	Johnston City...	225	208	9	H	218,345
61	Cardiff Coal Co., No. 2.....	Cardiff.....	191	240	8	H	216,957
62	Maplewood Colliery Co., No. 2.....	Farmington.....	267	92	4.4	H	216,221
63	Monmouth Coal Co., No. 1.....	Brereton.....	217	90	4.6	H	215,832
64	Shoal Creek Coal Co., No. 1.....	Panama.....	273	.....	8	H-M	213,816
65	Breese-Trenton Mining Co., No. 3.....	Beckemeyer.....	289	400	.....	H	212,769
66	Dering Coal Co., No. 1.....	Westville.....	155	210	7	H	212,456
67	Illinois Midland Coal Co.....	Sherman.....	231	201	6	H	211,639
68	Coal Valley Mining Co., No. 2.....	Sherrard.....	265	212	3.8	H	210,712
69	Chicago, Wilm. & Ver. Coal Co., No. 1.....	So. Wilmington.....	236	195	3.3	H	210,576
70	Consolidated Coal Co., No. 6.....	Staunton.....	221	322	6	M	209,187
71	Madison Coal Corporation, No. 4.....	Glen Carbon.....	166	130	7	M	208,625
72	O'Gara Coal Co., No. 9.....	Harrisburg.....	219	120	7	M	208,574
73	Pana Coal Co., No. 1.....	Pana.....	184	720	7.6	H	208,360
74	Springfield Coal Mining Co., No. 5.....	Springfield.....	177	250	5.9	H	205,674
75	Dering Coal Co., No. 4.....	Steelton.....	295	204	6	H	205,483
76	Madison Coal Co., No. 8.....	Dewmain.....	154	90	9	H	204,830
77	Carterville Dist. Coal Co., No. 6.....	Marion.....	235	94	8	M	202,877
78	Madison Coal Corporation, No. 2.....	Glen Carbon.....	159	110	6.6	M	202,637
79	Willis Coal and Mining Co., No. 6.....	Percy.....	257	86	6	H-M	201,216
80	Odin Coal Co.....	Odin.....	278	714	6	H-M	200,563
Total tons.....							22,978,809

Table 15 gives the output of the large mines of the State for a series of twelve years and are shown in three classes. Combining the mines in all classes, it is found that the increase this year over last is 14.2 per cent in the number of mines and 33.6 per cent in the tonnage.

TABLE 15—*Mines Producing 50,000 Tons and Less than 100,000—100,000 Tons and Less than 200,000, and 200,000 Tons and more for 12 Years.*

YEAR.	MINES PRODUCING—					
	50,000 tons and less than 100,000.		100,000 tons and less than 200,000.		More than 200,000.	
	No. of mines.	Tons.	No. of mines.	Tons.	No. of mines.	Tons.
1896.....	63	5,049,694	45	6,557,545	16	3,962,435
1897.....	79	5,693,193	41	5,778,374	17	4,514,507
1898.....	86	6,351,513	42	5,898,596	7	1,709,457
1899.....	78	5,618,924	56	7,443,023	25	6,556,851
1900.....	70	5,009,326	65	8,995,963	27	6,769,328
1901.....	79	5,795,953	58	8,008,897	33	8,370,234
1902.....	76	5,376,350	72	9,923,538	38	10,101,867
1903.....	75	5,445,195	87	12,387,437	45	12,728,405
1904.....	72	5,200,551	98	13,753,975	46	13,460,272
1905.....	83	5,868,103	88	12,158,090	62	14,181,792
1906.....	89	6,116,018	97	13,462,256	47	12,565,030
1907.....	91	6,600,264	95	13,376,164	80	22,978,809

NUMBER OF MINES.

Table 16 gives the number of mines in each district for last year, with number of new mines opened this year and the number abandoned.

The seventh, ninth and tenth districts show a total gain of ten mines; the other districts show a loss of 95, making a net loss of 85 mines from the number reported last year.

TABLE 16—*Gain and Loss in Number of Mines—1906-1907.*

DISTRICTS.	Total number of mines 1906.	Number new mines opened 1907.	Total.	Number of mines abandoned 1907.	Total number of mines 1907.	YEAR 1907.	
						Gain.	Loss.
First.....	72	3	75	8	67	.....	5
Second.....	142	28	170	31	139	.....	3
Third.....	129	8	137	48	89	.....	40
Fourth.....	175	8	183	36	147	.....	28
Fifth.....	66	4	70	5	65	.....	1
Sixth.....	83	3	86	15	71	.....	12
Seventh.....	71	9	80	7	73	2	.....
Eighth.....	121	3	124	9	115	.....	6
Ninth.....	62	10	72	5	67	5	.....
Tenth.....	97	12	109	9	100	3	.....
The State....	1,018	88	1,106	173	933	10	95

Table 17 presents the record of opening new mines and the closing of old or abandoned mines for the past 18 years. The net gain during this period was 79 mines. The number of mines opened this year was less than for any of the past ten years and the number closed more than for any year during the same period.

TABLE 17—*Total Number of Mines, the Number Opened and Closed; also the Gain and Loss for Eighteen Years.*

YEAR.	NUMBER OF MINES.					
	At beginning of year.	Opened or renewed.	Closed or suspended.	Gain.	Loss.	At close of year.
1890.....	854	176	94	82	.....	936
1891.....	936	92	110	.....	18	918
1892.....	918	59	138	.....	79	839
1893.....	839	69	120	.....	51	788
1894.....	788	156	108	48	.....	836
1895.....	836	116	78	38	.....	874
1896.....	874	142	115	27	.....	901
1897.....	901	70	118	.....	48	853
1898.....	853	120	92	28	.....	881
1899.....	881	129	121	8	.....	889
1900.....	889	147	116	31	.....	920
1901.....	920	138	143	.....	5	915
1902.....	915	111	111	.....	.....	915
1903.....	915	109	91	18	.....	933
1904.....	933	109	110	.....	1	932
1905.....	932	168	110	58	.....	990
1906.....	990	151	123	28	.....	1,018
1907.....	1,018	88	173	10	95	933
Totals.....	.....	2,150	2,071	376	297	.....

Table 18 presents the same record for shipping mines for 17 years. Eight of this class of mines were closed during the past year. This loss is the first since the year 1899, when the same number were closed or abandoned.

TABLE 18—*Shipping Mines—Number Opened and Closed; also the Gain and Loss for Seventeen Years.*

YEAR.	NUMBER OF MINES.					
	At beginning of year.	Opened. or renewed.	Closed. or suspended.	Gain.	Loss.	At close of year.
1891.....	308					308
1892.....	308		9		9	299
1893.....	299	2		2		301
1894.....	301	18		18		319
1895.....	319				"	319
1896.....	319	3		3		322
1897.....	322		12		12	310
1898.....	310	19		19		329
1899.....	329		8		8	321
1900.....	321	2		2		323
1901.....	323	8		8		331
1902.....	331	1		1		332
1903.....	332	21		21		353
1904.....	353	27		27		380
1905.....	380	17		17		397
1906.....	397	22		22		419
1907.....	419		8		8	411
Totals.....		140	37	140	37	

SHIPPING MINES.

Table 19 shows the number of shipping mines in each district, with the gain and loss of these mines in the State for 12 years, also the gain and loss by districts for the same period.

The gain in this class of mines during this time was 116, but during the same time 35 have been closed, leaving a net gain of 81 mines, as between this year and last. There was a gain of 2 mines in the third district, 5 in the ninth and 2 in the tenth, with a loss of 4 in the first district, 6 in the second, 4 in the fifth and 3 in the sixth, making a net loss of eight mines.

TABLE 19—*Number of Shipping Mines, by Districts, with Gain or Loss for Twelve Years.*

YEAR.	DISTRICTS.										Total	Gain.	Loss.
	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Ninth.	Tenth.			
1896	31	19	37	31	23	39	25	65	41	19	330	.....	.....
1897	28	17	36	24	22	34	25	63	40	21	310	.....	20
1898	32	18	37	26	25	33	27	62	43	26	329	19	.....
1899	30	17	35	30	21	34	26	60	43	26	322	.....	7
1900	35	16	38	29	19	36	24	61	39	26	323	1	.....
1901	32	22	33	29	18	38	25	66	39	29	331	8	.....
1902	28	21	32	28	21	39	25	69	39	30	332	1	.....
1903	28	20	31	26	28	40	27	71	45	37	353	21	.....
1904	35	23	31	32	27	43	32	72	44	41	380	27	.....
1905	35	23	31	30	27	46	32	78	51	44	397	17	.....
1906	34	22	29	33	26	49	36	78	52	60	419	22	.....
1907	30	16	31	33	22	46	36	78	57	62	411	.....	8
Gain .....	.....	.....	.....	2	.....	7	11	13	16	43	92	116	35
Loss	1	3	6	.....	1	.....	.....	.....	.....	.....	11	.....	.....
Net gain .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	81	.....	.....

Table 20 presents the shipping mines by counties and districts, showing the number of mines, men and tons for the two years, 1906 and 1907, with the gain and loss for each item. As heretofore shown, there was a decrease of eight in the number of mines. However, the number of men increased 4,303 over last year and the output 9,314,028 tons.

TABLE 20—*Shipping Mines—Number of Mines, Men and Tons by Counties and Districts, with the Gain or Loss, for the Years 1906 and 1907.*

DISTRICTS AND COUNTIES.	1906.			1907.			GAIN (+) OR LOSS (—) 1907.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
The State	419	58,851	37,122,811	411	63,154	46,436,839	—8	+4,303	+9,314,028
First	34	6,768	2,843,504	30	6,510	2,979,910	—4	—258	+136,406
Grundy	11	2,768	1,143,144	10	2,618	1,296,177	—1	—150	+153,033
Kankakee	1	68	28,419	1	85	37,828	.....	+17	+9,409
LaSalle	18	3,537	1,536,582	16	3,331	1,463,995	—2	—206	—72,587
Will	4	395	135,359	3	476	181,910	—1	+81	+46,551
Second	22	5,663	2,087,227	16	5,154	2,415,920	—6	—509	+328,693
Bureau	8	4,666	1,522,793	8	4,237	1,868,148	.....	—429	+345,355
Henry	3	175	92,412	3	194	101,041	.....	+19	+8,629
Knox	1	41	20,466	.....	.....	.....	—1	—41	—20,466
Mercer	7	742	431,497	4	701	433,144	—3	—41	+1,647
Rock Island	3	39	20,059	1	22	13,587	—2	—17	—6,472
Third	29	3,057	1,675,654	31	3,496	2,043,203	+2	+439	+367,549
Livingston	4	390	239,065	3	484	237,353	—1	+94	—1,712
Marshall	3	1,016	427,475	4	919	464,919	+1	—97	+37,444
Peoria	17	971	723,695	18	1,124	912,353	+1	+153	+188,658
Putnam	1	279	135,004	2	559	268,710	+1	+280	+133,706
Stark	2	26	13,841	2	22	9,125	.....	—4	—4,716
Woodford	2	375	136,574	2	388	150,743	.....	+13	+14,169
Fourth	33	3,261	1,843,293	33	3,474	2,296,063	.....	+213	+452,770
Fulton	23	2,595	1,516,568	24	2,819	1,941,115	+1	+224	+424,547
Hancock	1	12	8,400	1	14	8,400	.....	+2	.....
McDonough	2	73	23,133	1	46	19,573	—1	—27	—3,560
McLean	3	346	152,500	2	306	154,943	—1	—40	+2,443
Tazewell	4	235	142,692	5	289	172,032	+1	+54	+29,340

Table 20—Concluded.

DISTRICTS AND COUNTIES.	1906.			1907.			GAIN (+) OR LOSS (—) 1907.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Fifth	26	3,683	2,128,332	22	4,309	3,096,833	—4	+626	+968,501
Macon	5	466	266,883	5	534	296,329	.....	+68	+29,446
Vermilion	21	3,217	1,861,449	17	3,775	2,800,504	—4	+558	+939,055
Sixth	49	7,616	5,097,776	46	7,554	5,693,211	—3	—92	+595,435
Logan	4	675	450,127	4	677	478,015	.....	+2	+27,888
Menard	9	757	520,394	7	612	386,051	—2	—145	—134,343
Sangamon	35	6,189	4,124,722	35	6,265	4,829,145	.....	+76	+704,423
Schuyler	1	25	2,533	.....	.....	.....	—1	—25	—2,533
Seventh	36	6,621	4,815,953	36	7,515	6,657,746	.....	+894	+1,841,793
Christian	8	1,497	826,500	8	1,662	1,235,566	.....	+165	+409,066
Macoupin	19	3,929	3,225,124	18	4,457	4,216,406	—1	+528	+991,282
Montgomery ..	7	934	648,188	8	1,159	1,073,708	+1	+225	+425,520
Shelby	2	261	116,141	2	237	132,066	.....	—24	+15,925
Eighth	78	8,334	7,189,785	78	9,053	7,991,535	.....	+719	+801,750
Bond	2	203	130,521	2	239	136,967	.....	+36	+6,446
Madison	18	3,822	2,988,185	16	3,847	3,527,200	—2	+25	+539,015
St. Clair	58	4,309	4,071,079	60	4,967	4,327,368	+2	+658	+256,289
Ninth	52	6,324	4,110,043	57	7,181	5,563,602	+5	+857	+1,453,559
Clinton	6	1,183	770,689	7	1,350	1,061,410	+1	+167	+290,721
Franklin	3	696	387,230	8	1,342	863,165	+5	+646	+475,935
Jefferson	1	36	20,292	1	48	10,000	.....	+12	—10,292
Marion	6	1,389	826,280	6	1,184	1,080,283	.....	—205	+254,003
Perry	22	2,026	1,433,170	22	2,223	1,737,079	.....	+197	+303,909
Randolph	11	835	572,001	10	888	735,654	—1	+53	+163,653
Washington ...	2	148	93,796	2	132	68,768	.....	—16	—25,028
White	1	11	6,585	1	14	7,243	.....	+3	+658
Tenth	60	7,494	5,331,244	62	8,908	7,693,816	+2	+1,414	+2,367,572
Gallatin	2	120	90,264	2	102	68,928	.....	—18	—21,336
Jackson	11	1,385	741,796	10	1,180	685,733	—1	—205	—56,063
Saline	15	984	596,080	18	2,067	1,707,717	+3	+1,085	+1,111,637
Williamson ...	32	5,005	3,903,104	32	5,557	5,236,438	.....	+552	+1,333,334

Table 21 presents a list of the shipping mines, giving the names of the operators, the number and location of the mines controlled by each, the total output of the mines and the distribution of the product.

The line at the top of the table shows the totals of each item. Of the total output of these mines, 90.5 per cent was loaded on cars at the mine for shipment, 2.4 per cent went to locomotives at the mine chutes, 2.8 per cent was sold to the local trade and 4.3 per cent consumed or wasted at the mines.

TABLE 21—*Shipping or Commercial Collieries—Distribution of Output—1907.*

No. of operators.	NAME OF OPERATOR.	Number of mines.	Postoffice address—location of mine.	DISTRIBUTION OF OUTPUT.				
				Total output, all grades.	Tons loaded on cars at the mine for shipment	Supplied to locomotives at mine chutes.	Sold to local trade.	Consumed and wasted at the mine.
	All shipping mines	411		46,436,839	42,032,535	1,100,706	1,320,948	1,982,650
1	Consolidated Coal Co.	12		1,909,506	1,739,155	43,913	14,847	111,591
	..do.	3	Staunton	613,004	522,873	43,913	7,139	39,079
	..do.	2	Collinsville	529,766	506,919			22,847
	..do.	3	Mt. Olive	603,485	562,517		2,993	37,975
	..do.	1	Breese	99,027	92,628		812	5,587
	..do.	1	Richland	24,954	24,170		64	720
	..do.	1	Gillespie	22,252	16,030		3,839	2,383
	..do.	1	Belleville	17,018	14,018			3,000
2	Superior Coal Co.	3	Gillespie	1,670,825	1,622,582		1,250	46,993
3	O'Gara Coal Co.	14		1,653,483	1,570,736	30,100	21,499	31,148
	..do.	7	Harrisburg	987,462	926,263	30,100	12,174	17,925
	..do.	3	Eldorado	203,418	193,177		5,100	5,141
	..do.	2	Ledford	200,191	197,058		756	2,377
	..do.	1	Carrier's Mill	135,026	132,064		1,417	1,545
	..do.	1	Springfield	127,386	122,174		1,052	4,160
4	Dering Coal Co.	5		1,501,320	1,396,608	3,241	2,447	99,024
	..do.	2	Westville	708,208	701,908			6,300
	..do.	2	Steelton	513,715	503,674	3,241		6,800
	..do.	1	W. Frankfort	279,397	191,026		2,447	85,924
5	Illinois Collieries Co.	8		1,237,470	1,121,082	39,262	33,158	43,968
	..do.	2	Virden	412,969	366,193	19,199	10,296	17,281
	..do.	3	Springfield	402,510	385,460		4,232	12,818
	..do.	1	Girard	223,445	213,284		2,797	7,364
	..do.	1	Sorento	120,001	112,884		3,133	3,984
	..do.	1	Litchfield	78,545	43,261	20,063	12,700	2,521

Table 21—Continued.

No. of operators.	NAME OF OPERATOR.	Number of mines.	Postoffice address—location of mine.	Total output, all grades.	DISTRIBUTION OF OUTPUT.			
					Tons loaded on cars at the mine for shipm't	Supplied to locomotives at mine chutes.	Sold to local trade.	Consumed and wasted at the mine.
	Madison Coal Co.....	7		1,178,485	1,083,259	23,263	9,650	62,313
	..do.....	2	Glen Carbon..	411,262	391,387	1,270	3,197	15,408
	..do.....	1	Divernon.....	279,564	267,251		3,766	8,547
	..do.....	1	Dewmain	204,830	175,330	2,418	1,417	25,665
	..do.....	1	Mt. Olive.....	172,330	143,134	18,975	1,231	8,990
	..do.....	1	Cambria	69,642	67,212			2,430
	..do.....	1	Ogles.....	40,857	38,945	600	39	1,273
7	Spring Valley Coal Co.	5		1,176,848	1,101,154	12,626	21,035	42,033
	..do.....	3	Spring Valley.	665,035	610,906	12,626	15,665	25,838
	..do.....	1	Seatonville....	275,778	261,008		4,084	10,686
	..do.....	1	Dalzell	236,035	229,240		1,286	5,509
8	Big Muddy C. & I. Co.	5		1,092,978	1,008,014	25	4,740	80,199
	..do.....	1	Herrin	486,660	462,070	25	3,441	21,124
	..do.....	1	Clifford.....	386,123	354,326		1,299	30,498
	..do.....	3	Murphysboro ..	220,195	191,618			28,577
9	Kelley Coal Co.....	5		1,056,850	1,019,214		11,192	26,444
	..do.....	2	Westville	530,215	511,801		10,825	7,589
	..do.....	2	Grape Creek ..	292,462	281,835		30	10,597
	..do.....	1	Himrod	234,173	225,578		337	8,258
10	Donk Bros. C. & C. Co.	3		978,660	947,783	2,636	6,026	22,215
	..do.....	1	Marquette	407,583	399,116	73	1,663	7,731
	..do.....	1	Donkville	330,373	318,836	1,983	932	8,622
	..do.....	1	Troy	240,704	230,831	580	3,431	5,862
11	Chi., Wil. & V. C. Co..	5		908,606	858,249		13,375	36,982
	..do.....	2	S. Wilmington	447,174	425,750		7,315	14,109
	..do.....	1	Thayer.....	336,849	324,648		2,367	9,834
	..do.....	2	Streator	124,583	107,851		3,693	13,039
12	Mt.Olive & S. Coal Co.	2	Staunton.....	880,208	857,214	6,969	3,602	12,423
13	Centralia Coal Co.....	3	Centralia	819,075	601,379	155,742	34,536	27,418
14	Southern C. & M. Co..	8		805,486	757,414	1,206	7,754	39,112
	..do.....	7	Belleville	578,708	541,559	1,206	4,893	31,050
	..do.....	1	New Baden ...	226,778	215,855		2,861	8,062
15	Springfield C. M. Co..	4	Springfield	690,934	648,573		13,290	29,071
16	LaSalle Co. C. C. Co..	5		614,506	489,834	59,147	45,103	20,422
	..do.....	4	LaSalle	607,751	484,814	59,147	44,868	18,922
	..do.....	1	Cedar Point...	6,755	5,020		235	1,500

Table 21—Continued.

No. of operators.	NAME OF OPERATOR.	Number of mines.	Postoffice address—location of mine.	Total output, all grades.	DISTRIBUTION OF OUTPUT.			
					Tons loaded on cars at the mine for shipm't	Supplied to locomotives at mine chutes.	Sold to local trade.	Consumed and wasted at the mine.
17	St. Paul Coal Co.....	2	.....	602,581	585,932	2,839	6,550	7,260
	..do.....	1	Cherry	348,941	342,295	.....	2,200	4,446
	..do.....	1	Granville	253,640	243,637	2,839	4,350	2,814
18	Breese-Trenton M. Co.	2	.....	488,360	424,111	52,554	6,613	5,082
	..do.....	1	Breese	275,591	213,394	52,554	5,222	4,411
	..do.....	1	Bekemeyer	212,769	210,717	.....	1,381	671
19	St. Louis O'Fal. C. Co.	2	French Vill'ge	482,725	472,449	3,413	.....	6,863
20	Chi. & Cart'rville C. Co	2	Herrin	465,876	422,244	7,120	4,437	32,075
21	Peabody Coal Co	2	Marion	458,740	257,725	.....	.....	201,015
22	Willis Coal Mining Co	2	.....	455,497	441,953	.....	1,544	12,000
	..do.....	1	Willisville	254,281	246,504	.....	777	7,000
	..do.....	1	Percy	201,216	195,449	.....	767	5,000
23	Jos. Taylor Coal Co ..	3	O'Fallon	430,955	420,365	950	1,600	8,040
24	New Staunton Coal Co	1	Livingston....	412,230	404,906	18	1,774	5,532
25	Big Creek Coal Co....	3	.....	400,385	393,245	2,830	.....	4,310
	..do.....	1	St. David	261,490	258,670	1,430	.....	1,390
	..do.....	1	Cuba	110,760	107,240	1,400	.....	2,120
	..do.....	1	Dunfermline	28,135	27,335	.....	.....	800
26	Pana Coal Co	2	Pana	398,765	334,273	35,262	8,102	21,128
27	Big Four Wilm. C. Co.	3	Carbon Hill...	398,412	373,557	.....	6,141	18,714
28	Illinois Midland C. Co.	2	.....	394,054	381,241	2,020	5,239	5,554
	..do.....	1	Sherman	211,639	208,206	.....	115	3,318
	..do.....	1	Pawnee	182,415	173,035	2,020	5,124	2,236
29	Sunnyside Coal Co....	1	Herrin	383,180	347,334	.....	1,596	34,250
30	Lumaghi Coal Co....	2	Collinsville	382,811	364,581	.....	.....	18,230
31	Burnwell Coal Co....	2	Witt	347,949	333,725	.....	7,538	6,686
32	Devlin Coal Co.....	1	Toluca	329,015	260,683	43,976	8,054	16,302
33	Clark Coal & C. Co....	2	Peoria	325,565	302,907	18,168	.....	4,490
34	Citizens C. M. Co	3	.....	324,588	270,018	29,560	13,826	11,184
	..do.....	2	Springfield....	198,800	191,548	1,170	2,284	3,798
	..do.	1	Lincoln	125,788	78,470	28,390	11,542	7,386

Table 21—Continued.

No. of operators.	NAME OF OPERATOR.	Number of mines.	Postoffice address—location of mine.	Total output, all grades.	DISTRIBUTION OF OUTPUT.			
					Tons loaded on cars at the mine for shipment	Supplied to locomotives at mine chutes.	Sold to local trade.	Consumed and wasted at the mine.
35	Zeigler Coal Co.....	1	Zeigler.....	321,285	302,858	617	1,921	15,889
36	Majestic Coal Co.....	1	Clinch.....	318,997	311,397		1,600	6,000
37	Western Coal M. Co..	1	Bush.....	309,911	289,142		1,122	19,647
38	Braceville Coal Co....	2	Braceville.....	268,329	252,600		3,219	12,510
39	Woodside Coal Co....	1	Springfield....	252,644	197,199	45,846	5,599	4,000
40	Missouri & Ill. Coal Co	4	.....	249,876	240,220		1,030	8,626
	..do.....	1	Willisville.....	124,238	121,100		800	2,398
	..do.....	1	Wilderman.....	49,335	45,861			3,474
	..do.....	1	Freeburg.....	42,779	41,340		80	1,359
	..do.....	1	Rentchler.....	33,464	31,919		150	1,395
41	Coal Valley Mining Co	2	.....	241,446	226,252	1,134	3,102	10,958
	..do.....	1	Sherrard.....	210,712	198,696	624	2,922	8,470
	..do.....	1	Cuba.....	30,734	27,556	510	180	2,488
42	Latham Coal Co.....	1	Lincoln.....	237,324	212,324		15,000	10,000
43	Hillsboro Coal Co.....	1	Hillsboro.....	236,397	223,086		8,766	4,545
44	Illinois 3d Vein C. Co.	1	Ladd.....	231,419	198,122	13,413	3,354	16,530
45	Chicago B. M. Coal Co	1	Marion.....	230,377	225,064	12	113	5,188
46	Royal Coal Co.....	1	Virden.....	225,897	214,887		2,210	8,800
47	Christian County C. Co	1	Taylorville....	224,677	210,970		8,979	4,728
48	Carterville Coal Co...	1	Carterville....	223,505	217,001		504	6,000
49	Johns'n C. B.M.C.Co.	1	Johnson City..	218,345	215,345			3,000
50	Cardiff Coal Co.....	1	Cardiff.....	216,957	207,298		3,396	6,263
51	Maplewood Col. Co...	1	Farmington....	216,221	212,530		26	3,665
52	Monmouth Coal Co...	1	Brereton.....	215,832	210,821		1,295	3,716
53	Shoal Creek C. Co....	1	Panama.....	213,816	208,697		1,055	4,064
54	Carterville M. Co.....	3	.....	211,159	201,784		440	8,935
	..do.....	2	Herrin.....	172,925	166,813		127	5,985
	..do.....	1	Cambria.....	38,234	34,971		313	2,950
55	Newsam Bros.....	4	.....	208,360	200,523		2,777	5,060
	..do.....	3	Peoria.....	141,771	138,370		546	2,855
	..do.....	1	Farmington....	66,589	62,153		2,231	2,205

Table 21—Continued.

No. of operators.	NAME OF OPERATOR.	Number of mines.	Postoffice address—location of mine.	Total output, all grades.	DISTRIBUTION OF OUTPUT.			
					Tons loaded on cars at the mine for shipm't	Supplied to locomotives at mine chute.	Sold to local trade.	Consumed and wasted at the mine.
56	Star Coal Co	3		203,237	199,081	.....	1,126	3,030
	..do.....	2 Kangley		122,741	119,626	.....	1,126	1,989
	..do.....	1 Cuba		80,496	79,455	.....		1,041
57	Carterville D. C. Co. . .	1 Marion		202,877	197,392	.....		5,485
58	Odin Coal Co.....	1 Odin		200,563	187,732	.....	2,976	9,855
59	Standard Was'd C. Co.,	2		200,511	188,573	.....	3,064	8,874
	..do.....	1 Bissell		104,677	100,751	.....	641	3,285
	..do.....	1 Spaulding		95,834	87,822	.....	2,423	5,589
60	Superior C. & M. Co..	1 Belleville		195,284	192,859	.....		2,425
61	Muddy Valley M. Co..	1 Hallidayboro..		192,448	118,243	58,683	2,675	12,847
62	Black Diamond C. Co.	1 Auburn		192,163	180,639	.....	1,162	10,362
63	Oglesby Coal Co	1 Oglesby		191,427	176,960	.....	4,672	9,795
64	Trenton Coal Co	1 Trenton.....		190,894	160,587	.....	8,700	21,607
65	Capital Coal Co.....	1 Springfield....		185,720	85,154	33,044	48,960	18,562
66	Paradise C. & C. Co..	1 Duquoin.....		182,315	162,564	14,071	2,028	3,652
67	Wilming'n Star M. Co.	3 Coal City		182,262	170,880	.....	6,583	4,799
68	Little Ver. C. Co.....	1 Georgetown..		178,158	173,158	.....	2,000	3,000
69	Green Ridge M. Co....	1 Green Ridge ..		177,796	172,157	.....	2,060	3,579
70	Empire Coal Co.....	1 Gilchrist		175,086	171,474	.....	2,386	1,226
71	Chicago-Herrin C. Co.	1 Herrin.....		173,199	168,578	.....	3,126	1,495
72	Borders Coal Co	2 Marissa		169,593	154,093	.....	10,000	5,500
73	Springfield Coal Co..	1 Taylorville....		169,110	123,249	19,445	16,773	9,643
74	Maplewood Coal Co....	1 Farmington....		167,448	162,570	907	1,277	2,694
75	Carterville B. M. C. Co.	1 Cambria.....		166,136	164,276	.....	480	1,380
76	Prairie Coal Co.....	1 Belleville.....		166,134	162,634	.....		3,500
77	De Camp C. & M. Co..	1 Staunton.....		165,328	162,330	.....		2,998
78	Penwell Coal Co	1 Pana		165,176	131,755	15,529	10,903	6,989
79	Canton Coal Co.....	1 Canton		162,363	158,363	.....	4,000	.....
80	White Walnut C. Co..	1 Pinckneyville..		159,076	104,702	52,165	924	1,285
81	White Breast Fuel Co	2		157,418	151,018	.....	400	6,000
	..do.....	1 Dunfermline..		144,527	138,627	.....	400	5,500
	..do.....	1 St. David.....		12,891	12,391	.....		500

Table 21—Continued.

No. of operators.	NAME OF OPERATOR.	Number of mine.	Postoffice address—location of mine.	Total output, all grades.	DISTRIBUTION OF OUTPUT.			
					Tons loaded on cars at the mine for shipment	Supplied to locomotives at mine chutes.	Sold to local trade.	Consumed and wasted at the mine.
82	Acme Coal Co.	1	Streator.	156,809	116,721	.....	11,748	28,340
83	Springfield Col. Co.	1	Springfield.	155,578	151,882	.....	.....	3,696
84	Wabash Coal Co.	2	.....	150,701	137,807	.....	4,464	8,430
	..do.	1	Athens.	79,811	73,831	.....	2,313	3,667
	..do.	1	Dawson.	70,890	63,976	.....	2,151	4,763
85	Chi-Marion Coal Co.	1	White Ash.	150,554	150,554	.....	.....	.....
86	Tuxhorn Coal Co.	1	Springfield.	141,329	134,509	.....	1,403	5,417
87	Benton Coal Co.	1	Benton.	140,353	126,930	.....	11,132	2,291
88	Hafer Washed C. Co.	2	Cartersville.	139,306	136,650	.....	218	2,438
89	Decatur Coal Co.	3	.....	138,345	50,104	.....	88,241	.....
	..do.	2	Decatur.	97,658	17,997	.....	79,661	.....
	..do.	1	Niantic.	40,687	32,107	.....	8,580	.....
90	Electric Coal Co.	1	Danville.	137,682	76,182	27,800	1,600	32,100
91	Kolb Coal Co.	3	Mascoutah.	136,121	94,473	24,444	6,692	10,512
92	St. Louis-Cart. C. Co.	1	Herrin.	135,518	133,040	890	311	1,277
93	Norris Coal M. Co.	1	Norris.	134,279	113,122	17,900	1,457	1,800
94	Duquoin Oper. Co.	1	Duquoin.	133,013	127,879	.....	1,179	3,955
95	Marquette 3rd V.C.Co.	2	.....	132,626	120,934	.....	3,930	7,762
	..do.	1	Marquette.	110,940	103,223	.....	1,244	6,473
	..do.	1	Sparland.	21,686	17,711	.....	2,686	1,289
96	Williamson Co. C. Co.	1	Johnston City.	128,530	125,560	.....	.....	2,970
97	Chi-Springfield C. Co.	1	Springfield.	126,792	122,483	.....	371	3,938
98	Springfield M. Co.	1	Springfield.	126,261	116,489	435	3,683	5,654
99	Athens Mining Co.	1	Athens.	118,359	112,047	.....	2,733	3,579
100	Auburn & Alton C. Co.	1	Auburn.	117,737	108,325	.....	7,212	2,200
101	McLean Co. Coal Co.	1	Bloomington.	117,000	20,000	25,000	55,000	17,000
102	Saline Co. Coal Co.	2	Ledford.	114,655	111,286	.....	370	2,999
103	Donally-Koenecke Coal Co.	1	Cartersville.	114,179	110,312	.....	217	3,650
104	International C.M.Co.	2	.....	112,637	103,554	.....	3,183	5,900
	..do.	1	Carbou.	95,561	89,784	.....	377	5,400
	..do.	1	O'Fallon.	17,076	13,770	.....	2,806	500

Table 21—Continued.

No. of operators.	NAME OF OPERATOR.	Number of mines.	Postoffice address—location of mine.	Total output, all grades.	DISTRIBUTION OF OUTPUT.			
					Tons loaded on cars at the mine for shipment	Supplied to locomotives at mine chutes.	Sold to local trade.	Consumed and wasted at the mine.
105	Jones Bros. C. & M. Co.	2	Marissa.	111,775	106,147	.....	1,784	3,844
106	Hippard Coal Co.	2	Belleville.	111,260	84,339	18,859	862	7,200
107	Suburban Coal Co.	1	do.	109,996	107,364	.....	832	1,800
108	Wenona Coal Co.	1	Wenona.	109,677	96,706	.....	7,971	5,000
109	Wolschlag Coöp Co.	1	Peoria.	109,530	107,870	.....	.....	1,660
110	Smith-Lohr Coal Co.	1	Pana.	107,700	97,500	.....	7,700	2,500
111	Kems-Donnewald C. Co.	1	Worden.	107,329	102,434	.....	2,941	1,954
112	Cantrall Coöp. Coal Co.	1	Cantrall.	107,148	102,884	1,538	1,201	1,525
113	West End Coal Co.	1	Springfield.	105,355	60,982	.....	40,857	3,516
114	Springfield Coöp. C. Co.	1	do.	104,600	77,500	.....	25,000	2,100
115	Applegate & Lewis.	2	.....	102,680	83,764	12,674	1,600	4,642
	do.	1	Cuba.	78,188	61,182	12,674	200	4,132
	do.	1	Peoria.	24,492	22,582	.....	1,400	510
116	Watson Coal Co.	3	.....	102,028	92,279	3,100	4,849	1,800
	do.	2	Herrin.	97,000	91,900	3,100	500	1,500
	do.	1	Wyoming.	5,028	379	.....	4,349	300
117	Sangamon Coal Co.	1	Springfield.	101,646	96,030	.....	2,971	2,645
118	Cora Coal Co.	1	do.	101,275	99,256	.....	939	1,080
119	Johnson Coal Co.	2	.....	99,898	96,141	.....	360	3,397
	do.	1	Marissa.	66,436	64,236	.....	.....	2,200
	do.	1	Freeburg.	33,462	31,905	.....	360	1,197
120	Clover Leaf Coal Co.	2	Coffeen.	99,111	90,550	242	3,419	4,900
121	Barclay Coal & M. Co.	1	Springfield.	98,463	93,708	.....	1,172	3,583
122	Breese-Trenton C. Co.	1	Trenton.	98,462	89,612	.....	2,350	6,500
123	Mfg. & Consum's C. Co.	1	Decatur.	98,250	26,389	7,753	57,118	6,990
124	Kortkamp Coal Co.	1	Hillsboro.	97,890	87,890	.....	8,488	1,512
125	Lincoln Coal M. Co.	1	Lincoln.	95,855	67,275	.....	20,000	8,580
126	Moffat Coal Co.	1	Sparta.	95,742	93,842	.....	1,100	800
127	Roanoke Coal M. Co.	1	Roanoke.	95,440	76,135	6,303	5,635	7,367
128	Williamsville Coal Co.	1	Selbytown.	95,417	88,780	.....	4,500	2,137
129	Kewanee Coal Co.	2	Kewanee.	91,274	78,475	.....	11,899	900
130	Crystal Coal Co.	1	Tilden.	91,224	90,224	.....	500	500
131	E. S. Gray Coal Co.	1	Missionfields.	91,000	91,000	.....	.....	.....

Table 21—Continued.

No. of operators.	NAME OF OPERATOR.	Number of mines.	Postoffice address—location of mine.	Total output, all grades.	DISTRIBUTION OF OUTPUT.			
					Tons loaded on cars at the mine for shipm't	Supplied to locomotives at mine chutes.	Sold to local trade.	Consumed and wasted at the mine.
132	Robert Dick Coal Co..	1	Cambria	90,569	85,000			5,569
133	Stonington Coal Co...	1	Stonington	86,179	76,035		3,121	7,023
134	Fullerton C. & M. Co.	1	Belleville	84,313	83,313		300	700
135	Assumption Coal Co..	1	Assumption....	83,959	63,585		9,435	10,939
136	Inland Coal Co.....	1	DeSota	80,079	60,545		7,130	12,404
137	James Cahill Estate..	1	Peru	77,502	19,063	32,280	23,789	2,370
138	Brilliant C. & C. Co...	1	Duquoin	76,186	71,701		956	3,529
139	Royal C. & M. Co	1	Belleville	75,210	71,450			3,760
140	Gartside Coal Co	2	Murphysboro..	75,017	57,458		4,059	13,500
141	Wilm. C. M. & Mfg Co	1	Torino.....	74,375	69,848		1,527	3,000
142	Duquoin Coal Co	1	Duquoin	73,514	69,936		324	3,254
143	Carterville & H. C. Co	1	Herrin	72,223	70,364		15	1,844
144	Mow'qua C.M.& M.Co.	1	Moweaqua	71,976	46,941	10,789	10,044	4,202
145	Edwardsville Coal Co.	1	Edwardsville ..	71,759	56,286		8,413	7,060
146	Coulterville M. Co....	1	Coulterville....	70,571	65,487		2,924	2,160
147	Eagle M. Co.....	1	Canton	70,455	63,526		5,993	936
148	Gallatin C. & C. Co....	1	Equality.....	67,783	57,839	4,296	1,581	4,067
149	Howorth & Taylor....	1	Peoria.....	65,305	62,664		1,152	1,489
150	Vulcan C. & M. Co....	1	Coulterville....	64,389	60,449		340	3,600
151	Middletown C. Co.....	1	Middletown....	63,160	57,044		3,494	2,622
152	Jupiter C. & M. Co....	2	Duquoin	62,737	56,120		640	5,977
153	Ill. Zinc Co.....	1	Peru	62,198	60,361		541	1,296
154	Glendale C. & M. Co..	1	Belleville	60,716	55,291		2,694	2,731
155	Sandoval C. & Mfg.Co.	2	Sandoval.....	60,645	53,557		3,988	3,100
156	Ill. Fuel Co	1	Sparta	60,234	58,408		355	1,471
157	Century Coal Co.....	1	Tower Hill....	60,090	55,050		2,672	2,368
158	Consumers C. Co	1	New Virginia..	60,000	60,000			
159	Blue Mound C. Co	1	Blue Mound....	59,734	44,134		8,400	7,200
160	Home Coal Co	1	Streator.....	57,991	40,961		16,670	360
161	Beyd Coal & Coke Co.	1	Sparta	57,600	53,000		4,000	600
162	Murphy, Keenan & Co	1	Braidwood....	57,544	51,189		5,275	1,080
163	Spring Creek C. Co....	1	Springfield....	56,353	54,912		556	885
164	Imperial Coal Co.....	2	.....	55,700	44,317	1,300	7,026	3,057
	..do.....	1	Duquoin.....	45,700	43,063		180	2,457
	..do.....	1	Mt. Vernon....	10,000	1,254	1,300	6,846	600

Table 21—Continued.

No. of operators.	NAME OF OPERATOR.	Number of mines.	Postoffice address—location of mine.	Total output, all grades.	DISTRIBUTION OF OUTPUT.			
					Tons loaded on cars at the mine for shipment	Supplied to locomotives at mine chute.	Sold to local trade.	Consumed and wasted at the mine.
165	Minonk Coal Co.....	1	Minonk.....	54,303	43,208		9,230	2,865
166	Johnson C. & C. C. Co.	1	Johnson City..	53,633	50,240		593	2,800
167	Avery Coal Co.....	1	Freeburg....	53,372	50,343		1,144	1,885
168	Sholl Bros.....	1	Peoria.....	53,270	51,889		200	1,181
169	Carlinville C. Co.....	1	Carlinville....	53,044	35,424	2,575	11,020	4,025
170	Marissa C. & M. Co...	1	Marissa.....	52,975	51,021		731	1,223
171	Mrs. E. Hakes.....	1	Rutland.....	52,692	22,950	21,694	2,348	5,700
172	Chi. & Carbondale C. Co.	1	Carbondale....	52,500	48,000		500	4,000
173	Phoenix Coal Co.....	1	Peoria.....	51,414	50,214			1,200
174	Tazewell Coal Co.....	1	Pekin.....	51,048	46,931		3,620	497
175	Henrietta C. Co.....	1	Edwardsville..	50,097	36,550		10,420	3,127
176	Joliet-Wilm. C. Co....	1	Braidwood....	49,991	45,671		1,750	2,570
177	Collier Coö. Coal Co.	1	Peoria.....	49,687	48,787			900
178	Gus Blair B. M. C. Co.	1	Murphysboro..	49,221	44,642		832	3,747
179	Tirre C. & M. Co.....	1	Lenzburg.....	48,762	41,386		4,876	2,500
180	East Cuba C. M. Co...	1	Cuba.....	46,923	44,923			2,000
181	Tamaroa & Little M. Coal Co.....	1	Sunfield.....	46,528	39,307		6,501	720
182	Tilden Coal Co.....	1	Tilden.....	45,706	42,761		838	2,107
183	Vickery Bros.....	1	Peoria.....	45,200	42,000		3,200	
184	Oakwood Coal Co.....	1	Oakwood.....	45,000	45,000			
185	Avery C. & M. Co....	1	Winkle.....	44,288	40,471		715	3,102
186	Zeigler Dist. C. Co....	1	Christopher...	44,215	42,460		360	1,395
187	Belleville & O'Fallon Coal Co.....	1	Bellville.....	42,354	39,760		2,242	352
188	Nicholson Coal Co....	1	Nashville.....	42,000	2,000	23,000	15,000	2,000
189	Eastern Coal Co.....	1	Peoria.....	41,499	41,090			409
190	Oak Ridge Coal Co....	1	Marissa.....	41,444	38,473	606	19	2,346
191	T. M. Meeks Coal Co..	1	Marissa.....	41,368	40,719		54	595
192	Prairie State C. & C. C.	1	Nilwood.....	41,359	39,000		809	1,550
193	Economy Coal Co.....	1	Danville.....	41,302	41,302			
194	Jones & Adams C. Co.	1	Springfield....	39,126	36,844		498	1,784
195	Tallula Coal Co.....	1	Tallula.....	38,975	21,807		16,438	730
196	Colfax Coö. Coal Co..	1	Colfax.....	37,943	22,003	7,289	5,000	3,651
197	Consolidated C. & I. C.	1	Clark City....	37,828	33,636		1,067	3,125

Table 21—Continued.

No. of operators.	NAME OF OPERATOR.	Number of mines.	Postoffice address—location of mine.	Total output, all grades.	DISTRIBUTION OF OUTPUT.			
					Tons loaded on cars at the mine for shipment	Supplied to locomotives at mine chutes.	Sold to local trade.	Consumed and wasted at the mine.
198	Cooperative Coal Co..	1	Breese.....	37,798	34,498			3,300
199	Summit C. & M. Co...	1	Birkner.....	35,967	35,712		45	210
200	South Mt. Coal Co....	1	Petersburg....	35,108	25,215	3,769	4,333	1,791
201	Valley C. & M. Co....	1	Mascoutah....	35,074	31,074			4,000
202	Interstate C. & M. Co.	1	Worden.....	34,663	33,463			1,200
203	Highland Coal Co....	1	Belleville.....	34,231	18,896	969	10,713	3,653
204	Peoples' C. & M. Co...	1	Tice.....	33,712	33,532			180
205	Bailey Bros. Coal Co..	1	Sunfield.....	33,111	30,611		1,500	1,000
206	Pittsburg Mining Co..	1	Belleville.....	33,107	27,247		5,160	700
207	Brookside Coal Co....	1	Troy.....	32,853	25,466		5,217	2,170
208	United Coal Co.....	1	Christopher...	30,944	29,570	4	394	976
209	National Mining Co...	1	Eldorado.....	30,600	28,950			1,650
210	Monarch C. & M. Co..	1	Farmington...	28,857	26,835		496	1,526
211	White & Nesbit C. Co.	1	Belleville.....	28,750	16,250		12,500	
212	Coulterville Coal Co..	1	Coulterville...	27,871	26,971			900
213	Big Muddy & Carter-Coal Co.....	1	Mulkeytown...	27,731	26,400		375	956
214	Adam Kuhn Coal Co..	1	Dubois.....	26,768	24,018		2,400	350
215	Wilson Bros.....	1	Sparta.....	26,169	24,720		1,044	405
216	Reents Bros.....	1	Peoria.....	26,120	24,120		2,000	
217	Astoria-Woodland C.C	1	Astoria.....	25,692	23,971			1,721
218	Advance Coal Co.....	1	Marissa.....	25,348	20,863		2,900	1,585
219	Galatia Coal Co.....	1	Galatia.....	25,302	16,902		7,500	900
220	Diamond Fuel Co....	1	Sunfield.....	24,000	22,500			1,500
221	Greenwood-Davis C.C.	1	Duquoin.....	23,780	20,568		1,162	2,050
222	Swansea C. & M. Co..	1	Belleville.....	23,562	22,092		1,220	250
223	W. E. Foley.....	1	Peoria.....	23,508	23,000			508
224	Mulberry Hill Coal Co	1	Freeburg.....	23,412	21,500		1,412	500
225	W. D. Myers.....	1	St. David.....	22,883	20,883			2,000
226	Spoon River Coal Co..	1	Ellisville.....	22,797	22,147	100	50	500
227	Silver Creek C. & M. Co	1	O'Fallon.....	21,882	20,435		420	1,027
228	Perry County Coal Co	1	Duquoin.....	21,505	19,855		845	805
229	L. Senior Coal Co....	1	Belleville.....	20,489	17,639		2,250	600
230	Enterprise C. & M. Co	1	Rentchler.....	20,324	19,850		50	424
231	Farmington Coal Co..	1	Farmington...	20,192	18,156		1,335	701

Table 21—Continued.

No. of operators.	NAME OF OPERATOR.	Number of mines.	Postoffice address—location of mine.	Total output, all grades.	DISTRIBUTION OF OUTPUT			
					Tons loaded on cars at the mine for shipm't	Supplied to locomotives at mine chutes.	Sold to local trade.	Consumed and wasted at the mine.
232	Mechanicsburg C. Co.	1	M'chanicsburg	20,040	13,990		2,450	3,600
233	Burney Coal Co.	1	Colchester	19,573	18,973			600
234	New Moon Coal Co ...	1	Duquoin	19,421	13,792		4,215	1,414
235	Mutual Coal Co.	1	Mt. Pulaski ...	19,048	5,093		12,450	1,505
236	I. Wantling & Co.	1	Peoria	19,000	18,281			719
237	Southern Coal Co.	1	Germantown ..	18,553	13,146		2,880	2,527
238	Lake Erie C. & M. Co.	1	Peoria	17,254	2,613		13,725	916
239	Pocahontas M. Co	1	Pocahontas ...	16,966	12,033		2,733	2,200
240	Manchester Coal Co ..	1	Petersburg ...	16,926	14,240		2,186	500
241	Fairbury W. End. C. C	1	Fairbury	16,681	6,444	8,413	1,200	624
242	Alden Coal Co.	1	Gilchrist	16,612	15,986	232		394
243	Cluly-Miller Coal Co..	1	Caseyville	16,586	15,986		100	500
244	Schmidgall Coal Co ..	1	Murphysboro .	16,273	3,456		11,800	1,017
245	Great Central M. Co..	1	Duquoin	16,186	14,628		297	1,261
246	Sesser Coal & Con. Co.	1	Sesser.	15,520	13,400		200	1,920
247	B. F. Berry Coal Co ..	1	Granville	15,070	12,950		233	1,887
248	Volunteer Coal Co....	1	Coal Valley...	13,587	12,100		1,087	400
249	Beaty Coal Co.	1	Mascoutah ...	13,134	12,534			600
250	Third Vein Coal Co..	1	Mapleton	12,945	11,385		1,560	
251	Tilton Coal Co.	1	Tilton	12,757	12,757			
252	Murphy Coal Co.	1	Beileville	12,384	12,384			
253	German Coal Co.	1	Mapleton	11,520	6,159	3,903	128	1,330
254	Strait Coal Co.	1	Pinckneyville.	11,487	9,995		1,092	400
255	Wasson Coal Co.	1	Harrisburg ..	11,063	10,665			398
256	Champaign Coal Co ..	1	Pekin	10,817	5,000	690	4,927	200
257	Ver Valley Mining Co.	1	Muncie.	9,800	7,100		2,000	700
258	Atlas Coal Co.	1	Galva	9,767	7,684		1,683	400
259	Meredith Bros.	1	Augusta	8,400	7,500		900	
260	J. R. Riley.	1	Breeds.	8,360	8,260		100	
261	Morris City Coal Co ..	1	Norris City ...	7,243	3,108		3,276	859
262	John O'Connell C. Co.	1	Grape Creek ..	6,032	5,232			800
263	Galesburg Supply Co.	1	Parrville.	5,954	5,954			
264	Essex & Fritz C. M. Co	1	do.	5,642	5,582			60
265	Lacon Coal Co.	1	Sparland.	4,541	2,931		1,610	
266	West Virginia C. Co..	1	Marion.	4,366	3,040	111	500	715

Table 21—Concluded.

No. of operators.	NAME OF OPERATOR.	Number of mines.	Postoffice address—location of mine.	Total output, all grades.	DISTRIBUTION OF OUTPUT.			
					Tons loaded on cars at the mine for shipm't	Supplied to locomotives at mine chutes.	Sold to local trade.	Consumed and wasted at the mine.
267	Crescent Coal Co.	1	Breeds	4,141	3,924	42	100	75
268	Edward Mining Co. ...	1	Youngs	4,100	4,000	.....	.....	100
269	J. J. Fleming	1	Wyoming	4,097	2,471	.....	1,426	200
270	W. P. Rend Coal Co. .	1	Benton	3,720	2,650	.....	120	950
271	Phoenix C. & M. Co. .	1	Cornell	3,715	1,463	.....	1,202	1,050
272	Wm. Francis & Co. ...	1	Streator	3,546	1,400	.....	2,146	.....
273	Wilson Bros.	1	Cutler	2,267	1,793	.....	248	226
274	Vandell M. & Coke Co.	1	Equality	1,145	918	.....	18	209
275	Warsaw Coal Co.	1	Edwards	340	340	.....	.....	.....
276	French Village M. Co	1	French Village	204	81	.....	123	.....

The proprietorship of this class of mines is shown in the following classification for four years:

YEAR.	Total number of mines.	Number of locations.	OPERATORS.			Total.
			Corporations.	Firms.	Individuals.	
1904.....	380	175	228	20	25	273
1905.....	397	173	242	21	17	280
1906.....	419	178	248	21	16	285
1907.....	411	180	261	9	6	276

This shows that the shipping mines of the State are operated by 276 owners. Of these, 94.6 per cent are corporations. This class of ownership of the mines of the State has increased 14.5 per cent in the four years represented.

Table 22 is a list of the 180 locations where these 411 shipping mines are operated. The counties where situated and the number of the district is also shown.

TABLE 22—*List of the 180 Places and the Number of Shipping Mines at Each, also the District in which Located—1907.*

Town or Postoffice.	County.	District.	Number of mines.
Assumption	Christian	7	1
Astoria	Fulton	4	1
Athens	Menard	6	2
Auburn	Sangamon	6	2
Augusta	Hancock	4	1
Beckemeyer	Clinton	9	1
Belleville	St. Clair	8	23
Benton	Franklin	9	2
Birkner	St. Clair	8	1
Bissell	Sangamon	6	1
Bloomington	McLean	4	1
Blue Mound	Macon	5	1
Braceville	Grundy	1	2
Braidwood	Will.	1	2
Breeds	Fulton	4	2
Breese	Clinton	9	3
Brereton	Fulton	4	1
Bush	Williamson	10	1
Cable	Mercer	2	1
Cambria	Williamson	10	4
Canton	Fulton	4	2
Cantrall	Sangamon	6	1
Carbon	St. Clair	8	1
Carbondale	Jackson	10	1
Carbon Hill	Grundy	1	3
Cardiff	Livingston	3	1
Carlinville	Macoupin	7	1
Carrier's Mill	Saline	10	1
Carterville	Williamson	10	4
Caseyville	St. Clair	8	1
Cedar Point	LaSalle	1	1
Centralia	Marion	9	3
Cherry	Bureau	2	1
Christopher	Franklin	9	2
Clark City	Kankakee	1	1

Table 22—Continued.

Town or Postoffice.	County.	District.	Number of mines.
Clifford	Williamson ..	10	1
Clinch	Perry	9	1
Coal City	Grundy	1	3
Coal Valley	Rock Island	2	1
Coffeen	Montgomery	7	2
Colchester	McDonough	4	1
Colfax	McLean	4	1
Collinsville	Madison	8	4
Cornell	Livingston	3	1
Coulterville	Randolph	9	3
Cuba	Fulton	4	4
Cutler	Perry	9	1
Dalzell	Bureau	2	1
Danville	Vermilion	5	2
Dawson	Sangamon	6	1
Decatur	Macon	5	3
DeSoto	Jackson	10	1
Dewmain	Williamson	10	1
Divernon	Sangamon	6	1
Donkville	Madison	8	1
Dubois	Washington	9	1
Duquoin	Perry	9	11
Dunfermline	Fulton	4	2
Edwards	Peoria	3	1
Edwardsville	Madison	8	2
Eldorado	Saline	10	4
Ellisville	Fulton	4	1
Equality	Gallatin	10	2
Fairbury	Livingston	3	1
Farmington	Fulton	4	5
Freeburg	St. Clair	8	4
French Village	do	8	3
Galatia	Saline	10	1
Galva	Henry	2	1
Georgetown	Vermilion	5	1
Germantown	Clinton	9	1
Gilechrist	Mercer	2	2
Gillespie	Macoupin	7	4
Girard	do	7	1

Table 22—Continued.

Town or Postoffice.	County.	District.	Number of mines.
Glen Carbon	Madison	8	2
Granville	Putnam	3	2
Grape Creek	Vermilion	5	3
Green Ridge	Macoupin	7	1
Hallidayboro	Jackson	10	1
Harrisburg	Saline	10	8
Herrin	Williamson	10	11
Hillsboro	Montgomery	7	2
Himrod	Vermilion	5	1
Johnston City	Williamson	10	3
Kangley	LaSalle	1	2
Kewanee	Henry	2	2
Ladd	Bureau	2	1
LaSalle	LaSalle	1	4
Ledford	Saline	10	4
Lenzburg	St. Clair	8	1
Lincoln	Logan	6	3
Litchfield	Montgomery	7	1
Livingston	Madison	8	1
Mapleton	Peoria	3	2
Marion	Williamson	10	5
Marissa	St. Clair	8	9
Marquette	Bureau	2	1
Maryville	Madison	8	1
Mascoutah	St. Clair	8	6
Mechanicsburg	Sangamon	6	1
Middletown	Menard	6	1
Minonk	Woodford	3	1
Missionfield	Vermilion	5	1
Mt. Olive	Macoupin	7	4
Mt. Pulaski	Logan	6	1
Mt. Vernon	Jefferson	9	1
Moweaqua	Shelby	7	1
Mulkeytown	Franklin	9	1
Muncie	Vermilion	5	1
Murphysboro	Jackson	10	7
Nashville	Washington	9	1
New Baden	Clinton	9	1
New Virginia	Williamson	10	1

Table 22—Continued.

Town or Postoffice.	County.	District.	Number of mines.
Niantic	Macon	5	1
Nilwood	Macoupin	7	1
Norris	Fulton	4	1
Norris City	White	9	1
Oakwood	Vermilion	5	1
Odin	Marion	9	1
O'Fallon	St. Clair	8	5
Ogle	do	8	1
Oglesby	LaSalle	1	1
Pana	Christian	7	4
Panama	Montgomery	7	1
Parrville	Fulton	4	2
Pawnee	Sangamon	6	1
Pekin	Tazewell	4	2
Peoria	Peoria	3	17
Percy	Randolph	9	1
Peru	LaSalle	1	2
Petersburg	Menard	6	2
Pinckneyville	Perry	9	1
Pocahontas	Bond	8	1
Rentchler	St. Clair	8	2
Richland	do	8	1
Roanoke	Woodford	3	1
Rutland	LaSalle	1	1
Sandoval	Marion	9	2
St. David	Fulton	4	3
Seatonville	Bureau	2	1
Selbytown	Sangamon	6	1
Sesser	Franklin	9	1
Sherman	Sangamon	6	1
Sherrard	Mercer	2	1
Spaulding	Marshall	3	2
Sparta	Randolph	9	4
Spaulding	Sangamon	6	1
Springfield	do	6	23
Spring Valley	Bureau	2	3
Sorento	Bond	8	1
South Wilmington	Grundy	1	2
Staunton	Macoupin	7	6

Table 22—Concluded.

Town or Postoffice.	County.	District.	Number of mines.
Steelton.....	Vermilion.....	5	2
Stonington.....	Christian.....	7	1
Streator.....	LaSalle.....	1	5
Sunfield.....	Perry.....	9	3
Tallula.....	Menard.....	6	1
Taylorville.....	Christian.....	7	2
Thayer.....	Sangamon.....	6	1
Tice.....	Menard.....	6	1
Tilden.....	Randolph.....	9	2
Tilton.....	Vermilion.....	5	1
Toluca.....	Marshall.....	3	1
Torino.....	Will.....	1	1
Tower Hill.....	Shelby.....	7	1
Trenton.....	Clinton.....	9	2
Troy.....	Madison.....	8	2
Virden.....	Macoupin.....	7	3
Wenona.....	Marshall.....	3	1
West Frankfort.....	Franklin.....	9	1
Westville.....	Vermilion.....	5	4
Whiteash.....	Williamson.....	10	1
Winkle.....	Perry.....	9	1
Wilderman.....	St. Clair.....	8	1
Willisville.....	Perry.....	9	2
Witt.....	Montgomery.....	7	2
Worden.....	Madison.....	8	2
Wyoming.....	Stark.....	3	2
Youngs.....	Peoria.....	3	1
Zeigler.....	Franklin.....	9	1

GRADED OUTPUT.

Table 23 gives, by districts, the several grades of coal for the year. The division is the same as shown in these reports for the past eight years. As in former years, lump coal is largely in excess of either of the other grades.

TABLE 23—*Output of the Shipping and Local Mines of the State with Tons of the Different Grades of Coal, by Districts—1907.*

DISTRICTS.	Total output tons.	TONS OF THE DIFFERENT GRADES OF COAL.					
		Mine run.	Lump.	Egg.	Nut.	Pea or scre'e'gs.	Slack or waste.
First.....	2,979,910	185,148	1,890,984	175,743	39,502	619,404	69,129
Second.....	2,415,920	155,528	1,719,212	27,288	2,317	445,527	66,048
Third.....	2,043,203	517,018	1,068,975	31,338	73,758	321,548	30,566
Fourth.....	2,296,063	522,831	816,793	359,379	68,569	492,157	36,334
Fifth.....	3,096,833	1,354,182	881,540	65,309	307,660	467,242	20,900
Sixth.....	5,693,211	1,986,317	2,039,662	246,434	157,252	1,130,210	133,336
Seventh.....	6,657,746	1,470,880	3,381,399	126,501	179,100	1,327,210	172,656
Eighth.....	7,991,535	1,634,796	3,886,099	305,533	283,481	1,591,311	290,315
Ninth.....	5,563,602	1,613,786	1,829,887	502,479	351,880	1,165,406	100,164
Tenth.....	7,698,816	1,851,501	2,178,837	628,638	1,137,267	1,490,166	412,407
Shipping mines.....	46,436,839	11,291,987	19,693,388	2,468,642	2,600,786	9,050,181	1,331,855
Local mines.....	1,361,782	336,315	906,121	800	24,520	87,863	6,163
Totals.....	47,798,621	11,628,302	20,599,509	2,469,442	2,625,306	9,138,044	1,338,018

Table 24 shows the percentages of the different grades of coal produced by districts. The eighth district shows the largest percentage of the output of the State; the fifth district shows the largest proportion of mine run coal produced from its mines, while the second and first districts show comparatively much the largest tonnage of lump coal.

TABLE 24—*Percentages of Total Output of the Different Grades of Coal, Shipping and Local Mines, by Districts.*

DISTRICTS.	Per cent of total output.	PERCENTAGE OF THE DIFFERENT GRADES OF COAL.					
		Mine run.	Lump.	Egg.	Nut.	Pea or scree'gs.	Slack or waste.
First	6.42	6.21	63.46	5.90	1.32	20.79	2.32
Second	5.20	6.44	71.16	1.13	.10	18.44	2.73
Third	4.40	25.30	52.32	1.53	3.61	15.74	1.50
Fourth	4.94	22.77	35.57	15.65	2.99	21.43	1.59
Fifth	6.67	43.73	28.47	2.11	9.93	15.09	.67
Sixth	12.26	34.89	35.83	4.33	2.76	19.85	2.34
Seventh	14.34	22.09	50.79	1.90	2.69	19.94	2.59
Eighth	17.21	20.46	48.63	3.82	3.55	19.91	3.63
Ninth	11.98	29.01	32.89	9.03	6.32	20.95	1.80
Tenth	16.58	24.05	28.30	8.17	14.77	19.35	5.36
Shipping mines.....	100.00	24.32	42.41	5.32	5.60	19.49	2.86
Local mines.....	100.00	24.70	66.54	.06	1.80	6.45	.45

Table 25 shows the total output of all mines of the State and the different grades of coal for a series of eight years. The last part of the table shows the tons of the several grades reduced to percentages. The most notable variation in the percentages for the several years is that of the decrease in the tonnage of lump coal, being from 55.4 per cent in 1900 to 43.1 per cent this year.

TABLE 25—*Total Output of the Different Grades of Coal, all Mines, for Eight Years with Percentages.*

YEAR.	Total output tons.	TONS OF THE DIFFERENT GRADES OF COAL.					
		Mine run.	Lump.	Egg.	Nut.	Pea.	Slack or waste.
1900.....	25,153,929	5,554,627	13,927,899	495,637	1,322,582	2,811,520	1,040,874
1901.....	26,635,319	6,882,740	13,321,124	486,596	1,217,127	3,667,591	1,060,141
1902.....	30,021,300	6,986,204	15,041,673	680,985	1,586,456	4,604,232	1,121,750
1903.....	34,955,400	10,373,098	15,874,509	995,163	1,775,704	4,540,431	1,416,495
1904.....	37,077,897	10,627,904	16,888,010	1,014,700	1,602,283	5,751,570	1,193,330
1905.....	37,183,374	9,248,558	16,819,321	1,716,219	2,036,152	6,247,511	1,115,613
1906.....	38,317,581	9,777,905	16,878,088	1,850,427	1,931,988	6,622,087	1,257,086
1907.....	47,798,621	11,628,302	20,599,509	2,469,442	2,625,306	9,138,044	1,338,018
Percentages—							
1900.....		22.08	55.37	1.97	5.26	11.18	4.14
1901.....		25.84	50.01	1.83	4.57	13.77	3.98
1902.....		23.27	50.10	2.27	5.28	15.34	3.74
1903.....		29.70	45.41	2.84	5.02	12.98	4.05
1904.....		28.66	45.55	2.74	4.32	15.51	3.23
1905.....		24.87	45.23	4.62	5.48	16.80	3.00
1906.....		25.52	44.05	4.83	5.04	17.28	3.28
1907.....		24.33	43.09	5.17	5.49	19.12	2.80

MINES, MEN AND TONS.

Table 26 shows the number of mines, men and tons of the State for the past 26 years. The last two columns of the table give the percentages of lump and other grades of coal.

An examination of this table will show the marvelous growth of the coal industry in this State for the period covered by these statistics. During these years the number of mines has increased 32.5 per cent, the number of men employed 228.8 per cent and the tons of coal produced 333.9 per cent.

During the past nine years the tonnage has increased over 100 per cent.

TABLE 26—*Output of the State for 26 Years and the Mines and Men Producing the Same.*

YEAR.	NUMBER OF			TONS OF			PERCENTAGE OF—	
	Coun- ties	Mines.	Men.	Tons.	Lump.	Other grades.	Lump.	Other grades.
1882	43	704	20,290	11,017,069	9,115,653	1,901,506	.....	.....
1883.....	47	639	28,039	12,123,456	10,030,991	2,092,465	.....	.....
1884.....	49	741	25,575	12,208,075	10,101,005	2,107,070	.....	.....
1885.....	50	778	25,946	11,834,459	9,791,874	2,402,585	.....	.....
1886.....	50	787	25,846	11,175,241	9,246,435	1,928,806	.....	.....
1887.....	49	801	26,804	12,423,066	10,278,890	2,144,176	.....	.....
1888.....	50	822	29,410	14,328,181	11,855,188	2,472,993	.....	.....
1889.....	49	854	30,076	14,017,298	11,597,963	2,419,335	.....	.....
1890.....	57	936	28,574	15,274,727	12,638,364	2,636,363	82.74	17.26
1891.....	57	918	32,951	15,660,698	12,960,224	2,700,474	82.76	17.24
1892.....	55	839	33,632	17,862,276	14,730,963	3,131,313	82.47	17.58
1893.....	56	788	35,390	19,949,564	16,112,899	3,836,665	80.77	19.23
1894.....	56	836	38,477	17,113,576	13,865,284	3,248,292	81.02	18.98
1895.....	54	874	38,630	17,735,864	14,045,962	3,689,902	79.25	20.75
1896.....	51	901	37,057	19,786,626	14,210,024	5,576,602	71.86	28.14
1897.....	50	853	33,788	20,072,758	14,672,241	5,400,517	73.10	26.90
1898.....	52	881	35,026	18,599,299	14,208,795	4,390,504	76.39	23.61
1899.....	52	889	36,991	23,434,445	17,427,598	6,006,847	74.37	25.63
1900.....	52	920	39,384	25,153,929	13,927,899	11,226,030	44.63	55.37
1901.....	53	915	44,143	26,635,319	13,321,124	13,314,195	50.01	49.99
1902.....	54	915	46,005	30,021,300	15,041,673	14,979,627	50.10	49.90
1903.....	53	933	49,814	34,955,400	15,874,509	19,080,891	45.41	54.59
1904.....	54	932	54,774	37,077,897	16,888,010	20,189,887	45.55	54.45
1905.....	56	990	59,230	37,183,374	16,819,321	20,364,053	45.23	54.77
1906.....	54	1,018	62,283	38,317,581	16,878,088	21,439,493	44.05	55.95
1907.....	55	933	66,714	47,798,621	20,599,509	27,199,112	43.10	56.90

Table 27 gives the total number of men employed at the mines and the total number of tons produced each year for 26 years; also the percentages of gain or loss of each item from year to year.

TABLE 27—*Total Number of Men and Total Tons Produced with Percentages of Gain or Loss for Twenty-six Years:*

YEAR.	Men.	Total output— tons.	PERCENTAGE OF MEN.		PERCENTAGE OF TONS.	
			Gain.	Loss.	Gain.	Loss.
1882.....	20,290	11,017,069				
1883.....	23,939	12,123,456	17.98		10.04	
1884.....	25,575	12,208,075	6.83		.70	
1885.....	25,946	11,834,459	1.35			3.06
1886.....	25,846	11,175,241		.39		5.57
1887.....	26,804	12,423,066	3.71		11.17	
1888.....	29,410	14,328,181	9.72		15.34	
1889.....	30,076	14,017,298	2.26			2.17
1890.....	28,574	15,274,727		4.99	8.97	
1891.....	32,951	15,660,698	15.32		3.53	
1892.....	33,632	17,862,276	2.07		14.06	
1893.....	35,390	19,949,564	5.23		11.69	
1894.....	38,447	17,113,576	8.72			14.22
1895.....	38,630	17,735,864	.40		3.64	
1896.....	37,057	19,786,626		4.07	11.56	
1897.....	22,788	20,072,758		8.82	1.45	
1898.....	35,026	18,599,299	3.66			7.34
1899.....	36,991	23,434,445	5.61		26.00	
1900.....	39,384	25,153,929	6.47		7.34	
1901.....	44,143	26,635,319	12.08		5.89	
1902.....	46,005	30,021,300	4.22		12.71	
1903.....	49,814	34,955,400	8.28		16.44	
1904.....	54,774	37,077,897	9.96		6.07	
1905.....	59,230	37,183,374	8.14		.28	
1906.....	62,283	38,317,581	5.15		3.05	
1907.....	66,714	47,798,621	7.11		24.74	

OUTPUT BY

Table 28 presents the tons of coal produced in each county by the The presentation is similar to that shown in the report of last each county and district. The last line of the table shows the total son, the totals for each month for the year 1906 are also shown.

TABLE 28—*Total Output of Shipping Mines, Produced in Each Calen-*

COUNTIES AND DISTRICTS.	Total tons.	1906—OUTPUT FOR THE MONTHS OF—					
		July.	August.	September.	October.	November.	December.
Grundy	1,296,177	83,452	99,164	108,924	126,418	123,178	116,859
Kankakee	37,828	2,716	1,907	2,779	3,364	4,913	4,031
LaSalle	1,463,995	96,909	99,897	112,824	131,055	130,417	142,792
Will	181,910	8,423	13,126	15,524	18,444	17,732	18,345
First District	2,979,910	191,500	214,094	240,051	279,281	276,240	282,027
Bureau	1,868,148	132,624	110,199	127,045	170,121	179,655	196,879
Henry	101,041	6,277	6,913	6,838	8,794	8,324	8,861
Mercer	433,144	22,637	29,856	37,295	44,888	44,591	44,387
Rock Island	13,587	279	842	1,246	1,242	1,417	1,400
Second District	2,415,920	161,817	147,810	172,424	225,045	233,987	251,527
Livingston	237,353	15,350	16,655	18,197	22,335	26,265	29,629
Marshall	464,919	28,105	39,143	41,253	48,515	46,279	41,165
Peoria	912,353	52,322	53,373	70,581	90,654	91,483	100,822
Putnam	268,710	17,119	18,127	19,240	21,850	21,985	23,090
Stark	9,135	370	492	711	1,016	1,059	1,140
Woodford	150,743	9,117	9,791	10,940	13,763	13,953	13,773
Third District	2,043,203	122,383	137,581	160,922	198,133	201,024	209,619
Fulton	1,941,115	92,089	126,793	145,996	178,900	184,171	196,985
Hancock	8,400	500	500	500	900	900	900
McDonough	19,573	1,561	1,211	1,176	1,584	1,788	2,422
McLean	154,943	9,211	9,204	12,819	15,435	13,696	14,111
Tazewell	172,032	8,461	9,905	12,852	16,108	16,249	16,613
Fourth District	2,296,063	111,822	147,613	173,343	212,927	216,804	231,031
Macon	296,329	15,973	26,978	25,353	32,779	22,949	32,133
Vermilion	2,800,504	177,029	188,731	201,762	235,956	254,892	264,225
Fifth District	3,096,883	193,002	215,709	227,115	268,735	287,841	296,358

MONTHS.

shipping mines during each calendar month of the fiscal year. The first column of the table gives the total tons produced by tons for each month and for the year. For the purpose of compari-

dar Month, by Counties and Districts, from July 1, 1906, to June 30, 1907.

1907 -OUTPUT FOR THE MONTHS OF—						COUNTIES AND DISTRICTS.
January.	February.	March.	April.	May.	June.	
121,557	114,390	108,697	95,940	102,591	95,007	Grundy.....
3,404	2,898	3,329	3,012	3,593	1,882	Kankakee.....
155,670	136,785	117,115	107,520	122,130	110,881	LaSalle.....
19,502	17,583	13,610	14,418	13,279	11,924	Will.....
300,133	271,656	242,751	220,890	241,593	219,694	First District.....
206,444	179,454	148,402	131,661	158,357	127,307	Bureau.....
10,422	9,808	9,977	9,417	8,826	6,584	Henry.....
39,602	38,450	31,014	36,346	34,383	29,695	Mercer.....
1,160	1,284	1,172	850	1,350	1,345	Rock Island.....
257,628	228,996	190,565	178,274	202,916	164,931	Second District.....
31,930	25,258	15,670	13,019	10,926	12,119	Livingston.....
44,633	41,415	31,194	30,756	36,330	36,131	Marshall.....
110,377	98,137	60,640	71,236	56,918	55,806	Peoria.....
22,824	17,807	25,883	23,477	26,173	31,135	Putnam.....
1,357	971	585	620	490	314	Stark.....
15,869	15,659	12,856	11,357	12,050	11,615	Woodford.....
226,990	199,247	146,828	150,465	142,887	147,120	Third District.....
217,730	179,874	154,234	166,605	162,204	135,534	Fulton.....
900	900	900	500	500	500	Hancock.....
1,610	1,482	1,510	1,808	1,597	1,824	McDonough.....
16,481	16,295	14,983	12,732	10,755	9,221	McLean.....
17,746	13,933	11,855	16,937	17,230	14,143	Tazewell.....
254,467	212,484	183,482	198,582	192,286	161,222	Fourth District.....
35,828	30,554	23,744	17,523	12,690	9,825	Macon.....
285,306	258,242	225,534	244,034	258,342	206,451	Vermilion.....
321,134	288,796	249,278	261,557	271,032	216,276	Fifth District.....

Table 28—

COUNTIES AND DISTRICTS.	Total tons.	1906—OUTPUT FOR THE MONTHS OF—					
		July.	August.	September.	October.	November.	December.
Logan.....	478,015	27,430	31,723	43,247	54,595	50,134	52,336
Menard.....	386,051	16,723	20,700	30,780	39,317	42,901	43,581
Sangamon.....	4,829,145	285,021	299,665	348,518	448,698	501,030	565,350
Sixth District.....	5,693,211	329,174	352,088	422,545	542,610	594,065	661,267
Christian.....	1,235,566	60,425	81,476	98,864	111,178	126,325	131,957
Macoupin.....	4,216,406	282,388	332,779	326,613	360,443	376,841	396,412
Montgomery.....	1,073,708	53,303	61,396	73,060	101,224	102,276	111,080
Shelby.....	132,066	6,730	5,485	12,100	15,625	14,319	15,666
Seventh District.....	6,657,746	402,846	48,1136	508,637	588,470	619,761	655,115
Bond.....	136,967	8,673	15,708	12,232	10,591	14,848	13,646
Madison.....	3,527,200	193,929	252,748	309,854	371,510	356,925	354,465
St. Clair.....	4,327,368	275,602	311,165	327,232	466,339	479,169	491,252
Eighth District.....	7,991,535	478,204	579,621	649,318	848,440	850,942	859,363
Clinton.....	1,061,410	54,047	69,367	56,266	82,317	89,703	112,355
Franklin.....	863,165	45,074	57,692	40,669	56,177	63,953	65,535
Jefferson.....	10,000						2,175
Marion.....	1,080,283	78,983	82,226	75,154	89,648	86,269	96,485
Perry.....	1,737,079	122,225	126,519	126,458	157,246	137,979	157,670
Randolph.....	735,654	34,764	47,401	47,397	70,505	75,773	80,236
Washington.....	68,768	1,500	5,650	5,500	6,050	6,200	7,050
White.....	7,243				88	813	1,144
Ninth District.....	5,563,602	336,593	388,855	361,444	462,031	460,690	522,650
Gallatin.....	68,928	5,313	4,534	8,633	7,020	8,103	7,694
Jackson.....	685,733	58,341	57,044	55,605	67,375	53,123	62,754
Saline.....	1,707,717	96,934	98,869	100,726	144,367	136,278	138,832
Williamson.....	5,236,438	396,381	419,564	398,066	438,194	404,904	435,145
Tenth District.....	7,698,816	556,969	580,011	563,039	656,956	602,408	644,425
The State, 1907.....	46,436,839	2,884,310	3,244,518	3,478,829	4,282,628	4,343,762	4,613,382
The State, 1906.....	37,096,945	1,891,717	2,840,419	3,117,045	3,578,312	3,880,503	4,178,029

Concluded

1907—OUTPUT FOR THE MONTHS OF—						COUNTIES AND DISTRICTS.
January.	February.	March.	April.	May.	June.	
59,447	49,460	39,822	25,017	27,321	17,483	Logan.....
44,636	39,667	27,040	29,828	28,270	22,608	Menard.....
555,336	501,393	338,320	343,259	333,361	309,194	Sangamon.....
659,419	590,520	405,182	398,104	388,952	359,285	Sixth District.....
140,556	126,948	101,052	86,963	80,018	91,804	Christian.....
421,804	382,113	348,288	331,267	359,882	297,576	Macoupin.....
111,922	99,174	86,422	92,200	92,171	89,480	Montgomery.....
13,712	14,201	7,626	8,581	9,353	8,668	Shelby.....
687,994	622,436	543,388	519,011	541,424	487,528	Seventh District.....
15,727	14,192	10,383	9,197	7,895	3,875	Bond.....
373,943	317,645	266,921	261,913	252,000	215,347	Madison.....
478,289	368,666	300,041	244,545	309,389	275,679	St. Clair.....
867,959	700,503	577,345	515,655	569,284	494,901	Eighth District.....
120,433	104,567	91,548	83,916	93,253	93,638	Clinton.....
82,511	73,745	83,215	85,342	106,197	103,055	Franklin.....
2,210	2,215	1,756	1,644			Jefferson.....
97,124	94,775	97,672	91,430	101,001	89,516	Marion.....
172,706	144,427	172,736	143,152	149,776	126,185	Perry.....
85,031	59,877	65,518	53,996	57,326	57,830	Randolph.....
7,200	7,100	7,000	6,890	6,000	2,628	Washington.....
1,281	1,166	778	825	483	665	White.....
568,496	487,872	520,223	467,195	514,036	473,517	Ninth District.....
5,812	4,943	3,148	4,285	4,854	4,589	Gallatin.....
53,332	50,214	50,736	53,696	66,464	57,049	Jackson.....
145,419	147,581	174,928	197,274	160,379	166,130	Saline.....
503,380	449,737	443,284	407,486	488,663	451,634	Williamson.....
707,943	652,475	672,096	662,741	720,360	679,402	Tenth District.....
4,852,163	4,254,985	3,731,138	3,572,474	3,784,770	3,393,880	The State, 1907.....
4,288,706	4,336,350	5,378,459	392,382	659,019	2,556,004	The State, 1906.....

Table 29 gives the percentages drawn from table 28 and presents the activity of mining operations for each month during the year.

The last line in the table gives the percentages by months for 1906. Very slight changes in the monthly output for the two years is to be noted. The highest per cent of output this year was reached in January; last year it was reached in March.

TABLE 29—*Percentages of the Total Output Mined in Each Month, by Districts.*

DISTRICTS.	Total output.	PERCENTAGE OF THE TOTAL OUTPUT MINED IN EACH DISTRICT DURING THE MONTHS OF—											
		1906.						1907.					
		July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.
First	2,979,910	6.43	7.18	8.06	9.37	9.27	9.46	10.07	9.12	8.15	7.41	8.11	7.37
Second	2,415,920	6.70	6.12	7.14	9.31	9.68	10.41	10.66	9.48	7.89	7.38	8.40	6.83
Third.....	2,043,203	5.99	6.73	7.88	9.69	9.84	10.26	11.11	9.75	7.19	7.37	6.99	7.20
Fourth	2,296,063	4.87	6.43	7.55	9.27	9.44	10.06	11.08	9.26	7.99	8.65	8.38	7.02
Fifth	3,096,833	6.23	6.97	7.33	8.68	9.29	9.57	10.37	9.33	8.05	8.45	8.75	6.98
Sixth	5,693,211	5.78	6.18	7.42	9.54	10.43	11.62	11.58	10.37	7.12	6.99	6.83	6.14
Seventh	6,657,746	6.05	7.23	7.64	8.84	9.31	9.84	10.33	9.35	8.16	7.80	8.13	7.32
Eighth	7,991,535	5.98	7.25	8.13	10.62	10.65	10.75	10.86	8.77	7.23	6.45	7.12	6.19
Ninth	5,563,602	6.05	6.99	6.50	8.30	8.28	9.39	10.22	8.77	9.35	8.40	9.24	8.51
Tenth	7,698,816	7.23	7.53	7.31	8.53	7.82	8.37	9.20	8.48	8.73	8.61	9.36	8.83
The State, 1907.....	46,436,839	6.21	6.99	7.49	9.22	9.35	9.44	10.45	9.16	8.04	7.69	8.15	7.31
The State, 1906.....	37,096,945	5.10	7.66	8.40	9.64	10.46	11.26	11.56	11.69	14.50	1.06	1.78	6.89

Table 30 shows by districts and for the State the tons of coal mined for two periods of the year, from July 1 to December 31 and from January 1 to June 30.

Each period of the fiscal year has a portion of what is usually termed the dull season in the mining industry; the first period, the months of July, August and September; the second period, the months of April, May and June. However, it is shown here that the two periods differ only 1.6 per cent in favor of the second period.

TABLE 30—*Tons and Percentages of Output for the First and Second Six Months of Fiscal Year 1907*

DISTRICT.	OUTPUT SIX MONTHS, JULY 1 TO DEC. 31.		OUTPUT SIX MONTHS, JAN. 1 TO JUNE 30	
	Tons.	Per cent.	Tons.	Per cent.
First	1,483,193	49.77	1,496,717	50.23
Second	1,192,610	49.36	1,223,310	50.64
Third	1,029,662	50.39	1,013,537	49.61
Fourth	1,093,540	47.63	1,202,523	52.37
Fifth	1,488,760	48.07	1,608,073	51.93
Sixth	2,901,749	50.97	2,791,466	49.03
Seventh	3,255,965	48.90	3,401,781	51.10
Eighth	4,265,888	53.38	3,725,647	46.62
Ninth	2,532,263	45.51	3,031,339	54.49
Tenth	3,603,799	46.81	4,095,017	53.19
The State	22,847,429	49.20	23,589,410	50.80

HAULAGE IN THE MINES.

Table 31 presents by districts the manner of hauling coal in the shipping mines. Three of the mines failed to make report on this item. Of the 408 mines from which reports were received, 75, or 18.4 per cent, employed 129 motors and hauled 39.9 per cent of the coal; 25, or 6.1 per cent, had cable haulage, bringing out 6.2 per cent of the coal; 303, or 74.3 per cent of the mines held to the use of mule haulage, moving 57.8 per cent of the output; while 5, or 1.2 per cent of the mines, moving only one-tenth of 1 per cent of the product, impelled the cars by hand.

TABLE 31—*Haulage of Coal in the Shipping Mines of the State, by Districts—1907.*

DISTRICT.	Number of mines.	MOTORS.			CABLE.		MULE.		HAND.	
		No.	Kind.	Tons.	Number of mines	Tons.	Number of mines	Tons.	Number of mines	Tons.
First					3	352,537	27	2,627,373	....	.....
Second	1	1	Electric...	110,940	3	416,532	11	1,878,681	1	9,767
Third	6	9	do.....	882,685	3	219,496	20	931,897	2	9,125
Fourth	5	6	do.....	716,573	6	527,000	20	1,014,517	2	27,973
Fifth	5	13	do.....	1,420,549	2	292,462	15	1,383,822	....	.....
Sixth	7	14	*Electric..	1,352,107	2	281,575	36	3,954,174	....	.....
Seventh	14	14	†Electric..	3,486,176	2	445,584	20	2,725,986	....	.....
Eighth	10	13	Electric...	1,823,282	1	52,875	67	6,115,278	....	.....
Ninth	15	38	*Electric..	3,290,506	1	159,076	41	2,114,020	....	.....
Tenth	12	21	Electric...	3,459,757	2	117,004	46	3,943,785	....	.....
The State	75	129	.....	16,542,575	25	2,864,241	303	26,689,533	5	46,865

NOTE—One mine in the Sixth district, 105,355 tons, not reported. Two mines in the Tenth district, 178,270 tons, not reported.

*One gasoline.

†One condensed air.

Table 32 presents a list of the mines in which motor haulage is employed, giving the name and number of motors in use, the kind of power employed and the number of tons hauled. Of the 75 mines, 32, or 42.7 per cent, have two or more motors in use. The largest number in use at any one mine is 12, at the Zeigler Coal Company's mine, at Zeigler. The following are the different kinds of motors in use: General Electric, 3; Goodman, 58; Goodman third rail, 11; Jeffrey, 27; Morgan-Gardner, 9; Morgan third rail, 3; Porter, 1; Westinghouse, 17.

TABLE 32—*Shipping Mines Using Motor Haulage, with Name and Number of Motors in Use, Kind in Use and Tons Hauled—1907.*

DISTRICT AND OPERATOR.	Location.	MOTORS.		Tonnage.
		Name.	Kind.	
Second District—1 mine		1 motor		110,940
Marquette 3d Vein Coal Co.	Marquette	1 Goodman	Electric....	110,940
Third District—6 mines		9 motors		882,685
Devlin Coal Co.	Toluca	1 Westinghouse ..	Electric....	329,015
		1 Goodman		
Clark Coal & Coke Co., A	Peoria	2 Goodman	do.	199,196
Clark Coal & Coke Co., B	do.	1 Goodman	do.	126,369
Wolschlag Coöperative Co	do.	1 Goodman	do.	109,530
		1 Jeffrey		
Haworth & Taylor	do.	1 Jeffrey	do.	65,305
Scholl Bros	do.	1 Morgan-Gardner..	do.	53,270
Fourth District—5 mines		6 motors		716,573
Big Creek Coal Co. No. 2	St. David	1 Goodman	Electric....	261,490
		1 Jeffrey		
Monmouth Coal Co. No. 1	Brereton	1 Jeffrey	do.	215,832
Whitebreast Fuel Co. No. 1	Dunfermline ..	1 Jeffrey	do.	144,527
Newsam Bros	Farmington ..	1 Goodman	do.	66,589
Big Creek Coal Co. No. 4	Dunfermline ..	1 Jeffrey	do.	28,135
Fifth District—5 mines		13 motors		1,420,549
Dering Coal Co. No. 2	Westville	4 Westinghouse	Electric....	495,752
Dering Coal Co. No. 3	Steelville	2 Westinghouse		
Kelley Coal Co. No. 46	Himrod	1 Goodman	do.	234,173
Dering Coal Co. No. 1	Westville	3 Morgan-Gardner..	do.	212,456
Kelley Coal Co. No. 42	do.	3 Goodman	do.	169,936

Table 32—Continued.

DISTRICT AND OPERATOR.	Location.	MOTORS.		Tonnage.
		Name.	Kind.	
Sixth District—7 mines.....	.....	14 motors .....	.....	1,352, 107
Athens Mining Co	Athens	1 Goodman	Electric....	118, 359
Chicago, Wil. & Ver. C. Co. No. 1	Thayer	2 Morgan-Gardner / 2 Goodman	do.....	336, 849
Madison Coal Corporation No. 6.	Divernon.....	2 Goodman	do.....	279, 564
Illinois Colliery Co. No. 8.....	Springfield...	2 Goodman.....	do.....	225, 063
Sangamon Co. Coal Co. No. 2....	do.....	Not reported.....	Gasoline...	101, 646
Black Diamond Coal Co	Auburn	1 Goodman	Electric....	192, 163
		2 Jeffrey		
Barclay Coal & Mining Co.....	Springfield...	2 Morgan 3d rail.....	do.	98, 463
Seventh District—14 mines.....	.....	14 motors .....	.....	3, 486, 176
Pana Coal Co. No. 1.....	Pana	1 Goodman	Electric....	208, 360
Pana Coal Co. No. 2.....	do.....	1 Goodman.....	do.....	190, 405
Springfield Coal Co. No. 6	Taylorville...	1 Goodman.....	do.....	169, 110
Penwell Coal Co	Pana	1 Goodman.....	do.....	165, 176
Smith-Lohr Coal Co	do.....	1 Jeffrey	do.....	107, 700
Assumption Coal Co	Assumption...	1 Goodman	do.....	83, 959
Superior Coal Co. No. 2.....	Gillespie	1 Jeffrey	do.....	699, 127
Superior Coal Co. No. 1.....	do.....	1 Porter	Cond. air..	658, 173
Illinois Collieries Co. No. 1.....	Virden	1 Gen. Electric Co..	Electric....	356, 579
Superior Coal Co. No. 3.....	Gillespie	1 Jeffrey	do.....	313, 525
Green Ridge Mining Co.....	Green Ridge ..	1 Morgan-Gardner...	do.....	177, 796
Consolidated Coal Co. No. 10	Mt. Olive.....	1 Goodman	do.....	143, 768
Consolidated Coal Co. No. 8	do.....	1 Gen. Electric Co..	do.....	140, 522
Moweaqua Coal Co.....	Moweaqua....	1 Goodman	do.....	71, 976
Eighth District—10 mines.....	.....	13 motors .....	.....	1, 823, 282
New Staunton Coal Co. No. 2....	Livingston....	1 Goodman	Electric....	412, 230
Mt. Olive & Staunton C. Co. No. 1	Staunton.....	2 Goodman	do.....	370, 156
Donk Bros Coal & Coke Co. No. 1	Donkville	2 Goodman.....	do.....	330, 373
Donk Bros. Coal & Coke Co. No. 3	Troy	2 Goodman.....	do.....	240, 704
Joe Taylor Coal Co	O'Fallon	1 Goodman	do.....	156, 900
International C. & M. Co. No. 1..	Carbon	1 Goodman.....	do.....	95, 561
Johnson Coal Co	Marissa	1 Goodman.....	do.....	66, 436
Glen Dale Coal & Mining Co	Belleville	1 Goodman.....	do.....	60, 716
Tirrie Coal & Mining Co.....	Lenzburg	1 Goodman.....	do.....	48, 762
Oak Ridge C. Co. (Avery, lessee)	Marissa	1 Goodman.....	do.....	41, 444

Table 32—Concluded.

DISTRICT AND OPERATOR.	Location.	MOTORS.		Tonnage.
		Name.	Kind.	
Ninth District—15 mines		38 motors		3,290,506
Breese-Trenton Mining Co	Breese	4 Jeffrey	Electric...	275,591
Southern Coal & Mining Co	New Baden ..	2 Goodman .....	..do.....	226,778
Breese-Trenton Coal Co	Trenton	1 Goodman .....	..do.....	190,894
Consolidated Coal Co	Breese	1 Gen. Electric Co. ..	..do.....	99,027
Zeigler Coal Co	Zeigler	10 Westinghouse ..	..do.....	321,285
Centralia Coal Co. No. 2	Centralia	3 Jeffrey .....	..do.....	325,544
Centralia Coal Co. No. 4 .....	..do.....	3 Goodman 3d rail...	..do.....	266,671
Centralia Coal Co. No. 3 .....	..do.....	2 Goodman 3d rail...	..do.....	226,860
Odin Coal Co	Odin	2 Goodman 3d rail...	..do.....	200,563
Majestic Coal & Coke Co	Clinch	Not reported.....	Gasoline...	318,997
Willis Coal & Mining Co	Willisville ..	3 Goodman 3d rail...	..do.....	254,281
Paradise Coal & Coke Co	Duquoin	2 Goodman .....	..do.....	182,315
Missouri & Illinois Coal Co	Willisville ..	1 Goodman .....	..do.....	124,298
Brilliant Coal & Coke Co	Duquoin	1 Goodman 3d rail...	..do.....	76,186
Willis Coal & Mining Co	Percy	1 Goodman .....	..do.....	201,216
Tenth District—12 mines		21 motors		3,459,757
Big Muddy Coal & Iron Co	Murphysboro ..	1 Morgan 3d rail....	Electric...	97,382
O'Gara Coal Co. No. 9	Harrisburg ..	1 Morgan-Gardner...	..do.....	208,574
O'Gara Coal Co. No. 4 .....	..do.....	1 Morgan-Gardner...	..do.....	172,169
Big Muddy Coal & Iron Co. No. 7 ..	Herrin	2 Jeffrey .....	..do.....	486,660
Chicago & Carterville C. Co., A. ..	..do.....	3 Goodman .....	..do.....	451,093
Big Muddy Coal & Iron Co. No. 8 ..	Clifford	2 Jeffrey .....	..do.....	386,123
Sunnyside Coal Co. No. 1	Herrin	3 Goodman .....	..do.....	383,180
Peabody Coal Co. No. 3	Marion	2 Goodman .....	..do.....	356,259
Western Coal Mining Co. No. 1 ..	Bush	2 Goodman .....	..do.....	309,911
Chicago-Big Muddy Coal Co	Marion	1 Jeffrey .....	..do.....	230,377
Madison Coal Co. No. 8	Dewmain	2 Jeffrey .....	..do.....	204,830
Chicago-Herrin Coal Co. No. 1 ..	Herrin	1 Jeffrey .....	..do.....	173,199
The State—75 mines		129 motors		16,542,575

COUNTIES OF

Table 33 presents a list of counties for a series of ten years. These during this time. Williamson county is first in rank this year, with Sangamon county is second in rank this year and was the same last seven of the years shown in the table. During these years the county the output 29,311,604 tons, or 206.5 per cent.

TABLE 33—*Relative Rank of Counties Producing 500,000*

COUNTY.	Rank.	Tonnage 1907.	Rank.	Tonnage 1906.	Rank.	Tonnage 1905.	Rank.	Tonnage 1904.	Rank.	Tonnage 1903.
Williamson.....	1	5,266,452	3	3,927,189	2	3,815,751	4	3,038,466	4	2,551,587
Sangamon.....	2	4,876,621	2	4,155,431	1	4,395,050	1	4,516,358	1	4,386,526
St. Clair.....	3	4,435,070	1	4,168,019	3	3,398,032	2	3,418,479	2	3,134,679
Macoupin.....	4	4,227,267	4	3,241,087	6	2,530,840	6	2,221,474	6	2,223,055
Madison.....	5	3,573,163	5	3,031,553	4	2,987,906	5	3,030,892	5	2,711,767
Vermilion.....	6	3,099,934	6	2,012,835	5	2,618,375	3	3,114,060	3	2,893,283
Fulton.....	7	1,993,401	8	1,593,793	9	1,439,489	10	1,284,279	10	1,036,496
Bureau.....	8	1,891,900	9	1,547,456	7	1,751,875	7	1,832,577	8	1,778,302
Perry.....	9	1,743,922	10	1,443,926	11	1,265,718	11	1,240,174	11	1,031,751
Saline.....	10	1,711,825	18	601,979	..	..	..	..	..	..
LaSalle.....	11	1,644,686	7	1,595,327	8	1,696,853	8	1,773,189	7	1,877,555
Grundy.....	12	1,327,197	11	1,170,625	10	1,326,109	9	1,405,158	9	1,457,935
Christian.....	13	1,235,566	13	826,500	15	857,890	13	986,685	14	926,563
Marion.....	14	1,084,783	14	826,280	12	1,086,350	12	1,083,734	12	1,002,047
Montgomery.....	15	1,078,336	17	649,839	..	..	..	..	..	..
Clinton.....	16	1,061,410	15	770,689	14	904,826	15	925,515	16	870,518
Peoria.....	17	1,027,023	12	844,484	13	904,892	14	939,737	15	920,716
Franklin.....	18	863,165	..	..	..	..	..	..	..	..
Randolph.....	19	742,894	19	581,841	19	506,547	17	620,280	..	..
Jackson.....	20	705,363	16	759,962	16	802,101	16	862,641	13	972,284
Menard.....	..	..	20	536,273	..	..	19	543,763	..	..
Marshall.....	..	..	..	..	18	510,968	..	..	..	..
Mercer.....	..	..	..	..	17	544,220	18	601,508	17	648,070
Totals—Counties and tons.....	20	43,509,978	20	34,285,088	19	33,346,792	19	33,438,969	17	30,423,084

LARGEST OUTPUT.

counties have each had a yearly production of 500,000 tons or more an output of 5,266,452 tons. This county had third place last year. However, this county was first in rank of largest output for ties of this class have increased from 14 to 20, or 42.9 per cent, and

Tons of Coal or Over for a Series of Ten Years—1898-1907.

Rank.	Tonnage 1902.	Rank.	Tonnage 1901.	Rank.	Tonnage 1900.	Rank.	Tonnage 1899.	Rank.	Tonnage 1898.	COUNTY.
6	1,956,271	6	1,605,960	9	1,133,607	9	1,078,755	6	915,108	Williamson.....
1	3,672,989	1	2,919,223	1	2,519,911	2	2,083,572	1	1,763,863	Sangamon.....
2	2,578,553	2	2,518,847	2	2,253,883	4	1,849,474	2	1,600,752	St. Clair.....
4	2,075,253	3	2,115,319	5	1,848,796	5	1,646,674	4	1,264,926	Macoupin.....
5	2,013,692	7	1,595,081	6	1,441,650	7	1,403,977	13	630,769	Madison.....
3	2,558,371	4	2,003,780	3	2,030,954	1	2,221,867	3	1,520,699	Vermilion.....
10	889,679	14	646,400	14	665,439	13	601,084	14	563,397	Fulton.....
8	1,732,813	8	1,549,056	7	1,338,231	6	1,410,524	8	865,892	Bureau.....
14	789,625	13	664,278	13	680,653	10	879,422	9	845,329	Perry.....
..	..	..	..	..	..	..	..	..	..	Saline.....
7	1,894,510	5	1,833,561	4	2,027,864	3	1,975,939	5	1,165,490	LaSalle.....
9	1,383,336	9	1,293,092	8	1,299,863	8	1,280,332	10	796,249	Grundy.....
15	725,088	16	578,482	15	652,662	14	572,459	..	..	Christian.....
11	881,821	11	829,326	11	840,814	..	..	11	714,513	Marion.....
..	..	..	..	..	..	..	..	..	..	Montgomery.....
16	724,462	15	644,664	16	535,601	..	..	..	..	Clinton.....
13	824,270	12	710,582	12	727,737	12	744,698	12	640,193	Peoria.....
..	..	..	..	..	..	..	..	..	..	Franklin.....
..	..	..	..	..	..	..	..	..	..	Randolph.....
12	853,056	10	911,245	10	883,311	11	875,711	7	911,194	Jackson.....
..	..	..	..	..	..	..	..	..	..	Menard.....
..	..	..	..	..	..	..	..	..	..	Marshall.....
17	602,722	17	563,603	17	501,065	..	..	..	..	Mercer.....
17	26,156,511	17	22,982,499	17	21,383,041	14	18,624,488	14	14,198,374	Totals—County and tons.

Table 34 presents a list of all the coal producing counties of the State for the year, giving the number of mines, men and tons in all mines and the same for the shipping and local mines.

TABLE 34—*Coal Producing Counties of the State, Showing Number of Districts, Mines, Men and Tons, both Shipping and Local Mines—1907.*

COUNTY.	District.	ALL MINES.			SHIPPING MINES.			LOCAL MINES.		
		Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
1 Bond	8	2	135	136,967	2	135	136,967			
2 Brown	6	2	2	380				2	2	380
3 Bureau	2	18	4,312	1,891,900	8	4,237	1,868,148	10	75	23,752
4 Calhoun	7	1	18	4,450				1	18	4,450
5 Cass	6	2	8	1,625				2	8	1,625
6 Christian	7	8	1,662	1,235,566	8	1,662	1,235,566			
7 Clinton	9	7	1,350	1,061,410	7	1,350	1,061,410			
8 Edgar	5	1	6	790				1	6	790
9 Franklin	9	8	1,342	863,165	8	1,342	863,165			
10 Fulton	4	73	3,042	1,993,401	24	2,819	1,941,115	49	223	52,286
11 Gallatin	10	10	163	88,908	2	102	68,928	8	61	19,980
12 Green	7	3	32	3,830				3	32	3,830
13 Grundy	1	22	2,726	1,327,197	10	2,618	1,296,177	12	108	31,020
14 Hancock	4	7	34	11,532	1	14	8,400	6	20	3,132
15 Henry	2	34	407	173,587	3	194	101,041	31	213	72,546
16 Jackson	10	18	1,217	705,363	10	1,180	685,733	8	37	19,630
17 Jefferson	9	2	50	10,060	1	48	10,000	1	2	60
18 Jersey	7	2	4	2,040				2	4	2,040
19 Johnson	10	2	13	2,900				2	13	2,900
20 Kankakee	1	1	85	37,828	1	85	37,828			
21 Knox	2	42	157	42,668				42	157	42,668
22 LaSalle	1	39	3,641	1,644,686	16	3,331	1,463,995	23	310	180,691
23 Livingston	3	9	578	269,811	3	484	237,353	6	94	32,458
24 Logan	6	4	677	478,015	4	677	478,015			
25 Macon	5	5	534	296,329	5	534	296,329			
26 Macoupin	7	27	4,507	4,227,267	18	4,557	4,216,406	9	50	10,861
27 Madison	8	34	3,979	3,573,163	16	3,847	3,527,200	18	132	45,963
28 Marion	9	7	1,192	1,084,783	6	1,184	1,080,283	1	8	4,500
29 Marshall	3	13	953	471,725	4	919	464,919	9	34	6,806
30 McDonough	4	54	280	46,389	1	46	19,573	53	234	26,816
31 McLean	4	2	306	154,943	2	306	154,943			

Table 34—Concluded.

COUNTY.	District.	ALL MINES.			SHIPPING MINES.			LOCAL MINES.		
		Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
32 Menard	6	14	658	403,896	7	612	386,051	7	46	17,845
33 Mercer	2	18	769	458,472	4	701	433,144	14	68	25,328
34 Montgomery	7	10	1,195	1,078,336	8	1,159	1,073,708	2	36	4,628
35 Morgan	7	2	9	2,698	.....	.....	.....	2	9	2,698
36 Peoria	3	52	1,376	1,027,023	18	1,124	912,253	34	251	114,770
37 Perry	9	27	2,250	1,743,922	22	2,223	1,737,079	5	27	6,843
38 Putnam	3	2	559	268,710	2	559	268,710	.....	.....	.....
39 Randolph	9	13	904	742,894	10	888	735,654	3	16	7,240
40 Rock Island	2	12	134	66,513	1	22	13,587	11	112	52,926
41 Saline	10	24	2,093	1,711,825	18	2,069	1,707,717	6	24	4,108
42 Sangamon	6	38	6,347	4,876,621	35	6,265	4,829,145	3	82	47,476
43 Schuyler	6	11	37	17,222	.....	.....	.....	11	37	17,222
44 Scott	7	9	69	21,364	.....	.....	.....	9	69	21,364
45 Shelby	7	11	331	143,308	2	237	132,066	9	94	11,242
46 Stark	3	11	104	25,480	2	22	9,125	9	82	16,355
47 St. Clair	8	79	5,125	4,435,070	60	4,967	4,327,368	19	158	107,702
48 Tazewell	4	11	383	216,901	5	289	172,032	6	94	44,869
49 Vermilion	5	59	4,131	3,019,934	17	3,775	2,800,504	42	356	219,430
50 Warren	2	15	58	14,110	.....	.....	.....	2	58	14,110
51 Washington	9	2	132	68,768	2	132	68,768	.....	.....	.....
52 White	9	1	14	7,243	1	14	7,243	.....	.....	.....
53 Will	1	5	498	188,338	3	476	181,910	2	22	6,428
54 Williamson	10	46	5,635	5,266,452	32	5,557	5,236,438	14	78	30,014
55 Woodford	3	2	388	150,743	2	388	150,743	.....	.....	.....
Totals .....	..	933	66,714	47,798,621	411	63,131	46,436,839	522	3,583	1,361,782

DISPOSITION OF THE OUTPUT.

Table 35 gives the total output of coal by districts and the disposition of the same.

TABLE 35—*Disposition of the Output of Shipping Mines, by Districts, also Local Mines.*

DISTRICTS	Number of mines.	Total output all grades—Tons.	DISPOSITION OF PRODUCT—TONS.			
			Shipped from mines.	Supplied to locomotives at mines.	Sold to local trade.	Consumed and wasted at mines.
First	30	2,979,910	2,578,858	113,121	144,713	143,218
Second	16	2,415,920	2,256,765	27,405	47,990	83,760
Third	31	2,043,203	1,836,370	83,602	61,528	61,703
Fourth	33	2,296,063	2,062,944	67,432	102,132	63,555
Fifth	22	3,096,833	2,777,154	38,794	170,551	90,334
Sixth	46	5,693,211	5,055,888	116,212	276,468	204,643
Seventh	36	6,657,746	6,034,648	185,992	165,339	271,767
Eighth	78	7,991,535	7,543,606	61,940	129,298	256,691
Ninth	57	5,563,602	4,845,735	299,453	145,688	272,726
Tenth	62	7,698,816	6,980,567	106,755	77,241	534,253
Shipping mines...	411	46,436,839	42,032,535	1,100,706	1,320,948	1,982,650
Local mines	522	1,361,782	.....	.....	1,182,691	179,091
The State	933	47,768,621	42,032,535	1,100,706	2,503,639	2,161,741

Table 36 shows the disposition of the output reduced to percentages. All of the districts increased in tonnage shipped from the mines.

TABLE 36—*Percentages of the Output of Shipping and Local Mines, also Percentages of the Distribution, by Districts—1907.*

DISTRICTS.	Number of mines.	PERCENTAGES OF TONS—				
		Total output.	Shipped.	To locomotives.	Sold to local trade.	Consumed or wasted at mines.
First	30	6.42	86.54	3.80	4.86	4.80
Second	16	5.20	93.41	1.13	1.99	3.47
Third	31	4.40	89.88	4.09	3.01	3.02
Fourth	33	4.94	89.85	2.94	4.45	2.76
Fifth	22	6.67	90.32	1.25	5.51	2.92
Sixth	46	12.26	89.51	2.04	4.86	3.59
Seventh	36	14.34	90.64	2.80	2.48	4.08
Eighth	78	17.21	94.39	0.78	1.62	3.21
Ninth	57	11.98	87.10	5.38	2.62	4.90
Tenth	62	16.58	90.67	1.39	1.00	6.94
Shipping mines.....	411	100.00	90.52	2.37	2.84	4.27
Local mines	522	100.00	.....	.....	86.85	13.15

Table 37 presents the total output of the shipping and local mines, with the distribution shown by percentages for eight years.

The proportion of the tonnage shipped this year was larger than for any former year.

TABLE 37—*Total Output of the Shipping Mines of the State, also Percentages of the Distribution for Eight Years.*

YEAR.	Total output.	PERCENTAGES OF—			
		Tons shipped.	Tons supplied to locomotives.	Tons sold to local trade.	Tons consumed or wasted at the mines.
1900.....	24,056,996	87.33	3.42	5.12	4.13
1901.....	25,526,816	88.34	3.46	4.12	4.08
1902.....	28,824,750	89.07	3.30	3.74	3.89
1903.....	33,676,537	89.33	3.27	3.59	3.81
1904.....	35,779,517	88.82	3.32	3.80	4.06
1905.....	35,956,543	88.07	3.26	3.88	4.79
1906.....	37,122,811	89.16	2.79	3.75	4.30
1907.....	46,436,839	90.52	2.37	2.84	4.27

LOCAL MINES.

1900.....	1,096,933	.....	5.66	85.57	8.77
1901.....	1,108,503	.....	5.84	86.62	7.54
1902.....	1,196,550	.....	1.54	89.05	9.41
1903.....	1,278,864	.....	1.29	86.86	11.85
1904.....	1,298,380	.....	2.75	89.46	7.79
1905.....	1,226,831	.....	.49	98.20	1.31
1906.....	1,194,770	.....	.....	95.91	4.09
1907.....	1,361,782	.....	.....	86.85	13.15

DISPOSITION OF OUTPUT BY DISTRICTS AND COUNTIES.

Table 38 is a detailed showing of the coal produced in each county in the State for the past year and the disposition of the output.

TABLE 38—*Disposition of the Output of Shipping and Local Mines, by Counties and Districts—1907.*

FIRST DISTRICT.

COUNTY.	Number of mines.	Total tons.	DISPOSITION OF TONNAGE.			
			Shipped from mines.	Supplied to locomotives at the mines.	Sold to local trade.	Consumed or wasted at the mines.
Grundy	10	1,296,177	1,222,787		23,258	50,132
Kankakee	1	37,828	33,636		1,067	3,125
LaSalle	16	1,463,995	1,155,727	113,121	111,836	83,311
Will	3	181,910	166,709		8,552	6,650
The district	30	2,979,910	2,578,858	113,121	144,713	143,218
Percentages		100.00	86.54	3.80	4.86	4.80
Local mines	37	218,139			67,319	150,820

SECOND DISTRICT.

Bureau	8	1,868,148	1,744,794	26,039	27,833	69,482
Henry	3	101,041	86,159		13,582	1,300
Mercer	4	433,144	413,712	1,366	5,488	12,578
Rock Island	1	13,587	12,100		1,087	400
The district	16	2,415,920	2,256,765	27,405	47,990	83,760
Percentages		100.00	93.41	1.13	1.99	3.47
Local mines	123	231,330			227,521	3,809

THIRD DISTRICT.

Livingston	3	237,353	215,205	8,413	5,798	7,937
Marshall	4	464,919	378,031	43,976	20,321	22,591
Peoria	18	912,353	864,354	22,071	10,186	15,742
Putnam	2	268,710	256,587	2,839	4,583	4,701
Stark	2	9,125	2,850		5,775	500
Woodford	2	150,743	119,343	6,303	14,865	10,232
The district	31	2,043,203	1,836,370	83,602	61,528	61,703
Percentages		100.00	89.88	4.09	3.01	3.02
Local mines	58	170,389			158,480	11,909

Table 38—Continued.

FOURTH DISTRICT.

COUNTY.	Number of mines.	Total tons.	DISPOSITION OF TONNAGE.			
			Shipped from mines.	Supplied to locomotives at the mines.	Sold to local trade.	Consumed or wasted at the mines.
Fulton	24	1,941,115	1,848,620	34,453	18,960	39,082
Hancock	1	8,400	7,500	.....	900	.....
McDonough	1	19,573	18,973	.....	.....	600
McLean	2	154,943	42,003	32,289	60,000	20,651
Tazewell	5	172,032	145,848	690	22,272	3,232
The district	33	2,296,063	2,062,944	67,432	102,132	63,555
Percentages .....	.....	100.00	89.85	2.94	4.45	2.76
Local mines	114	127,103	.....	.....	126,111	992

FIFTH DISTRICT.

Macon	5	296,329	120,627	7,753	153,759	14,190
Vermilion	17	2,800,504	2,676,527	31,041	16,792	76,144
The district	22	3,096,833	2,797,154	38,794	170,551	90,334
Percentages .....	.....	100.00	90.32	1.25	5.51	2.92
Local mines	43	220,220	.....	.....	220,220	.....

SIXTH DISTRICT.

Logan	4	478,015	363,162	28,390	58,992	27,471
Menard	7	386,051	337,716	3,769	31,497	13,069
Sangamon	35	4,829,145	4,395,010	84,053	185,979	164,103
The district	46	5,693,211	5,095,888	116,212	276,468	204,643
Percentages .....	.....	100.00	89.51	2.04	4.86	3.59
Local mines	25	84,548	.....	.....	82,623	1,925

SEVENTH DISTRICT.

Christian	8	1,235,566	1,037,367	70,236	65,013	62,950
Macoupin	18	4,216,406	3,908,081	84,662	45,641	178,019
Montgomery	8	1,073,708	987,209	20,305	41,966	24,228
Shelby	2	132,066	101,991	10,789	12,716	6,570
The district	36	6,657,746	6,034,648	185,992	165,339	271,767
Percentages .....	.....	100.00	90.64	2.80	2.48	4.08
Local mines	37	61,113	.....	.....	52,930	8,183

Table 38—Concluded.

EIGHTH DISTRICT.

COUNTY.	Number of mines.	Total tons.	DISPOSITION OF TONNAGE.			
			Shipped from mines.	Supplied to locomotives at the mines.	Sold to local trade.	Consumed or wasted at the mines.
Bond	2	136,967	124,917	.....	5,866	6,184
Madison	16	3,527,200	3,382,400	10,893	41,590	92,317
St. Clair	60	4,327,368	4,036,289	51,047	81,842	158,190
The district	78	7,991,535	7,543,606	61,940	129,298	256,691
Percentages .....	.....	100.00	94.39	0.78	1.62	3.21
Local mines	37	153,665	.....	.....	153,665	.....

NINTH DISTRICT.

Clinton	7	1,061,410	940,825	52,554	21,866	46,165
Franklin	8	863,165	735,294	621	16,949	110,301
Jefferson	1	10,000	1,254	1,300	6,846	600
Marion	6	1,080,283	842,668	155,742	41,500	40,373
Perry	22	1,737,079	1,588,935	66,236	26,323	55,585
Randolph	10	735,654	707,633	.....	11,528	16,493
Washington	2	68,768	26,018	23,000	17,400	2,350
White	1	7,243	3,108	.....	3,276	859
The district	57	5,563,602	4,845,735	299,453	145,688	272,726
Percentages .....	.....	100.00	87.10	5.38	2.62	4.90
Local mines	10	18,643	.....	.....	18,056	587

TENTH DISTRICT.

Gallatin	2	68,928	58,757	4,296	1,599	4,276
Jackson	10	685,733	523,962	58,683	26,996	76,092
Saline	18	1,707,717	1,616,365	30,100	28,317	32,935
Williamson	32	5,236,438	4,781,483	13,676	20,329	420,950
The district	62	7,698,816	6,980,567	106,755	77,241	534,253
Percentages .....	.....	100.00	90.67	1.39	1.00	6.94
Local mines	38	76,632	.....	.....	75,766	866

DISTRIBUTION OF COAL TO RAILROADS.

Table 39 is the tenth presentation of the tonnage of the shipping mines of the State, as distributed and handled by the railroads for transportation to the markets.

There are 37 railroads reported this year as carrying the 42,032,-535 tons of coal from the mines to the different markets. The Illinois Central has headed this list every year, traversing more of the coal producing counties and hauling a larger tonnage than any other road. For this year this road took coal from 22, or 40 per cent of the counties, 27.7 per cent of the shipping mines, and hauled nearly 20 per cent of the total tons shipped. The Chicago & Eastern Illinois road stands second in quantity of coal hauled, displacing the Wabash road, which had second place last year.

TABLE 39.—*Railroads which have Transported the Coal Produced by the Shipping Mines of the State, also the Counties Contributing the Tonnage to Each Road—1907.*

Number.	RAILROADS AND COUNTIES.	Number of mines.	TONS RECEIVED BY EACH ROAD FOR—		PERCENTAGE—	
			Shipment.	Locomotives.	Shipped.	Supplied to locomotives.
1	Illinois Central—22 counties	114	8,339,195	452,680	100.00	100.00
	Williamson	18	2,092,879	2,418	25.10	0.54
	Perry	18	1,209,543	66,236	14.50	14.63
	St. Clair	24	882,468	20,065	10.58	4.43
	Marion	6	841,912	141,076	10.10	31.17
	Sangamon	8	637,185		7.64	
	Christian	5	511,780	50,791	6.14	11.22
	Jackson	7	435,689	58,683	5.22	12.97
	LaSalle	4	402,226	21,694	4.82	4.79
	Madison	2	391,387	1,270	4.69	0.28
	Logan	4	224,840	28,390	2.70	6.27
	Randolph	5	221,638		2.66	
	Macoupin	1	143,134	18,975	1.72	4.19
	Marshall	1	86,706		1.04	
	Shelby	1	46,941	10,789	0.56	2.38
	Franklin	2	45,607	4	0.55	
	Woodford	1	43,208		0.52	
	McLean	2	42,003	32,289	0.50	7.13
	Macon	2	26,081		0.31	
	Washington	1	24,018		0.29	
	Saline	2	17,514		0.21	
	Kankakee	1	10,861		0.13	
	Montgomery	1	1,575		0.02	
2	Chicago & Eastern Illinois—7 counties....	26	4,399,868	3,259	100.00	100.00
	Vermilion	10	2,230,028	3,241	50.68	99.94
	Williamson	8	1,098,052		24.96	
	Madison	1	404,906	18	9.20	.06
	Montgomery	2	310,725		7.06	
	Franklin	2	284,039		6.46	
	Christian	2	71,916		1.64	
	Jefferson	1	202			

Table 39—Continued.

Number.	RAILROADS AND COUNTIES.	Number of mines.	TONS RECEIVED BY EACH ROAD FOR		PERCENTAGE	
			Shipment.	Locomotives.	Shipped.	Supplied to locomotives.
3	Chicago, Burlington & Quincy—14 counties	53	3,515,593	76,050	100.00	100.00
	Fulton	16	1,414,597	20,830	40.24	27.39
	Macoupin	4	658,138	19,199	18.72	25.25
	Williamson	4	469,261	25	13.35	0.03
	LaSalle	8	308,593	.....	8.78	.....
	Mercer	2	187,460	232	5.33	0.31
	Peoria	6	151,405	.....	4.31	.....
	Henry	2	78,475	.....	2.23	.....
	Bond	1	78,138	.....	2.22	.....
	Franklin	4	76,390	.....	2.17	.....
	Bureau	1	34,342	1,035	0.98	1.36
	Montgomery	1	29,471	20,063	0.84	26.38
	McDonough	1	18,973	.....	0.54	.....
	Hancock	1	7,500	.....	0.21	.....
	Stark	2	2,850	.....	0.08	.....
	Marion .....	.....	.....	14,666	.....	19.28
4	Wabash—8 counties	52	3,004,957	117,392	100.00	100.00
	Macoupin	6	1,085,390	43,913	36.12	37.41
	Sangamon	12	962,705	46,281	32.04	39.42
	Christian	3	410,254	19,445	13.65	16.56
	Madison	3	298,227	.....	9.92	.....
	Livingston	2	110,944	7,753	3.69	6.61
	Macon	3	76,841	.....	2.56	.....
	LaSalle	2	49,461	.....	1.65	.....
	Montgomery	1	11,135	.....	0.37	.....
5	Chicago & Alton—9 counties	37	2,540,493	2,575	100.00	100.00
	Sangamon	18	1,808,500	.....	71.19	.....
	Macoupin	6	382,807	2,575	15.07	100.00
	Logan	2	138,322	.....	5.45	.....
	Will	2	96,860	.....	3.81	.....
	Menard	3	89,591	.....	3.53	.....
	Marshall	1	10,000	.....	.40	.....
	LaSalle	1	7,000	.....	.28	.....
	Grundy	3	6,869	.....	.27	.....
	Montgomery	1	544	.....	.....	.....
6	Cleve, Cin., Chi. & St. Louis—7 counties	30	2,436,415	57,900	100.00	100.00
	Saline	17	1,577,551	30,100	64.74	51.89
	Vermilion	5	588,742	27,800	15.96	48.01
	Montgomery	3	333,976	.....	13.70	.....
	Shelby	1	50,633	.....	2.08	.....
	Tazewell	1	46,931	.....	1.93	.....
	Christian	2	22,552	.....	.93	.....
	Macoupin	1	16,030	.....	.66	.....
7	Macoupin County R. R.—1 county	3	1,622,582	.....	100.00	.....
	Macoupin	3	1,622,582	.....	100.00	.....
8	Baltimore & Ohio S.-W.—7 counties	22	1,447,670	53,504	100.00	100.00
	Clinton	5	711,824	52,554	49.17	98.23
	St. Clair	7	489,587	950	33.82	1.77
	Sangamon	4	217,113	.....	15.00	.....
	Christian	3	20,865	.....	1.44	.....
	Shelby	1	4,417	.....	.31	.....
	White	1	3,108	.....	.21	.....
	Marion	1	756	.....	.05	.....

Table 39—Continued.

Number.	RAILROADS AND COUNTIES.	Number of mines.	TONS RECEIVED BY EACH ROAD FOR—		PERCENTAGE—	
			Shipment.	Locomotives.	Shipped.	Supplied to locomotives.
9	Elgin, Joliet & Eastern—2 counties.....	11	1,282,187	.....	100.00	.....
	Grundy	10	1,212,339	.....	94.55	.....
	Will	1	69,848	.....	5.45	.....
10	St. Louis, Iron Mt. & So.—3 counties.....	19	1,158,641	11,233	100.00	100.00
	Williamson	16	1,121,291	11,233	96.78	100.00
	Franklin.....	1	26,400	.....	2.28	.....
	Jackson.....	2	10,950	.....	.94	.....
1	Chicago & Northwestern—1 county	6	1,106,380	13,028	100.00	.....
	Bureau.....	6	1,106,380	13,028	100.00	.....
12	St. Louis, Troy & Eastern—1 county.....	3	947,783	2,636	100.00	.....
	Madison.....	3	947,783	2,636	100.00	.....
13	Southern—3 counties	13	900,388	1,206	100.00	100.00
	St. Clair	10	671,164	1,206	74.54	100.00
	Clinton.....	2	239,001	.....	25.43	.....
	Jefferson.....	1	223	.....	.03	.....
14	Litchfield & Madison—1 county	3	891,959	6,969	100.00	100.00
	Madison.....	3	891,959	6,960	100.00	100.00
15	Vandalia Line—4 counties	6	825,465	.....	100.00	.....
	St. Clair	1	418,579	.....	50.71	.....
	Madison	3	390,047	.....	47.25	.....
	Bond.....	1	12,033	.....	1.46	.....
	Macon.....	1	4,806	.....	.58	.....
16	Chicago, Milwaukee & St. Paul—3 counties	6	782,574	14,815	100.00	100.00
	Bureau.....	2	500,849	11,976	64.00	80.89
	Putnam.....	2	256,587	2,839	32.79	19.11
	LaSalle.....	2	25,138	.....	3.21	.....
17	Mobile & Ohio—3 counties	7	718,096	.....	100.00	.....
	Perry	2	367,604	.....	51.19	.....
	Randolph	3	273,169	.....	38.04	.....
	Jackson.....	2	77,323	.....	10.77	.....
18	Chi., Peoria & St. Louis—3 counties.....	14	690,345	39,521	100.00	100.00
	Sangamon	8	441,684	35,752	63.98	90.46
	Menard	5	248,125	3,769	35.94	9.54
	Montgomery	1	536	.....	.08	.....

Table 39—Continued.

Number.	RAILROADS AND COUNTIES.	Number of mines.	TONS RECEIVED BY EACH ROAD FOR—		PERCENTAGE—	
			Shipment.	Locomotives.	Shipped.	Supplied to locomotives.
19	Chi., Rock Island & Pacific—6 counties...	11	626,700	92,561	100.00	100.00
	LaSalle	4	256,799	91,427	40.98	98.77
	Mercer	2	226,252	1,134	36.10	1.23
	Bureau	1	103,223		16.47	
	Marshall	2	20,642		3.29	
	Rock Island	1	12,100		1.93	
	Henry	1	7,684		1.23	
20	St. Louis & Belleville Electric—1 county..	4	623,222		100.00	
	St. Clair.....	4	623,222		100.00	
21	Louisville & Nashville—5 counties	19	561,653	54,009	100.00	100.00
	St. Clair.....	14	478,767	25,413	85.24	47.05
	Gallatin.....	2	58,757	4,296	10.46	7.95
	Saline	1	21,300		3.79	
	Washington	1	2,000	23,000	.36	42.59
	Jefferson.....	1	829	1,300	.15	2.41
22	Iowa Central—2 counties.....	7	518,894	19,075	100.00	100.00
	Peoria.....	3	325,489	18,168	62.73	95.34
	Fulton	4	193,405	907	37.27	4.66
23	St. Louis & O'Fallon Electric—1 county...	3	472,502	3,413	100.00	100.00
	St. Clair.....	3	462,502	3,413	100.00	100.00
24	Toledo, Peoria & Western—3 counties.....	12	419,817	21,129	100.00	100.00
	Fulton	6	240,618	12,716	57.31	60.18
	Peoria	5	172,755		41.15	
	Livingston	1	6,444	8,413	1.54	39.82
25	Toledo, St. Louis & Western—3 counties..	5	335,798	242	100.00	100.00
	Montgomery	3	299,247	242	89.12	100.00
	Bond	1	34,746		10.35	
	Madison	1	1,805		.53	
26	Atch., Topeka & Santa F6—5 counties....	8	320,522	50,969	100.00	100.00
	Marshall.....	1	129,798	43,976	40.50	86.28
	LaSalle.....	2	106,010		33.07	
	Woodford.....	1	76,135	6,303	23.75	12.37
	Tazewell.....	1	5,000	690	1.56	1.35
	Grundy.....	3	3,579		1.12	
27	Chicago, Zeigler & Gulf—1 county	1	302,858	617	100.00	100.00
	Franklin.....	1	302,858	617	100.00	100.00
28	Peoria & Pekin Union—2 counties.....	5	264,919	3,903	100.00	100.00
	Peoria	4	214,705	3,903	81.05	100.00
	Tazewell	1	50,214		18.95	

Table 39—Concluded.

Number.	RAILROADS AND COUNTIES.	Number of mines.	TONS RECEIVED BY EACH ROAD FOR—		PERCENTAGE—	
			Shipment.	Locomotives.	Shipped.	Supplied to locomotives.
29	Illinois Southern—1 county	3	212,826	.....	100.00	.....
	Randolph	3	212,826	.....	100.00	.....
30	Chicago & Illinois Midland—1 county	1	173,035	2,020	100.00	100.00
	Sangamon	1	173,035	2,020	100.00	100.00
31	Cincinnati, Ham. & Dayton—2 counties ..	4	151,174	.....	100.00	.....
	Sangamon	2	138,275	.....	91.47	.....
	Macon	2	12,899	.....	8.53	.....
32	Toluca, Marquette & Northern—1 county.	1	130,885	.....	100.00	.....
	Marshall	1	130,885	.....	100.00	.....
33	Chicago, Indiana & Southern—3 counties..	3	121,092	.....	100.00	.....
	Livingston	1	97,817	.....	80.78	.....
	Kankakee	1	22,775	.....	18.81	.....
	LaSalle	1	500	.....	.41	.....
34	Ill. Traction System (Electric)—2 counties	4	74,270	.....	100.00	.....
	Vermilion	2	57,757	.....	77.77	.....
	Sangamon	2	16,513	.....	22.23	.....
35	Illinois Terminal—1 county	1	56,286	.....	100.00	.....
	Madison	1	56,286	.....	100.00	.....
36	Lake Erie & Western—1 county	2	43,703	.....	100.00	.....
	Tazewell	2	43,703	.....	100.00	.....
37	Wabash, Chester & Western—1 county....	2	11,788	.....	100.00	.....
	Perry	2	11,788	.....	100.00	.....
	The State .....	.....	42,032,535	1,100,706	.....	.....

Table 40 is a list of the 37 railroads receiving the coal of shipping mines for transportation. Forty-three roads were represented in the list last year. Eleven of these roads each hauled over one million of tons, the aggregate being 30,853,981 tons, or 73.4 per cent, of all the coal shipped from the mines.

TABLE 40—*Illinois Coal Delivered to Illinois Railroads at the Mines for Shipment and for Use on Locomotives—1907.*

Number.	RAILROADS.	NUMBER OF—		TONS DELIVERED TO EACH RAILROAD FOR—		Total tons.
		Coun- ties.	Mines.	Ship- ment.	Loco- motives.	
1	Illinois Central	22	114	8,339,195	452,680	8,791,875
2	Chicago & Eastern Illinois.....	7	26	4,399,868	3,259	4,403,127
3	Chicago, Burlington & Quincy	15	53	3,515,593	76,050	3,591,643
4	Wabash.....	8	32	3,004,957	117,392	3,122,349
5	Chicago & Alton	9	37	2,540,493	2,575	2,543,068
6	Cleveland, Cincinnati, Chicago & St. Louis.....	8	30	2,436,415	57,900	2,494,315
7	Macoupin County R. R.....	1	3	1,622,582		1,622,582
8	Baltimore & Ohio S. W.....	7	22	1,447,670	53,504	1,501,174
9	Elgin, Joliet & Eastern.....	2	11	1,282,187		1,282,187
10	St. Louis, Iron Mountain & Southern.....	3	19	1,158,641	11,233	1,169,874
11	Chicago & Northwestern.....	1	6	1,106,380	13,028	1,119,408
12	St. Louis, Troy & Eastern	1	3	947,783	2,636	950,419
13	Southern R. R.....	3	13	900,388	1,206	901,594
14	Litchfield & Madison.....	1	3	891,959	6,969	898,928
15	Vandalia Line.....	4	6	825,465		825,465
16	Chicago, Milwaukee & St. Paul.....	3	6	782,574	14,815	797,389
17	Mobile & Ohio.....	3	7	718,096		718,096
18	Chicago, Peoria & St. Louis.....	3	14	690,345	39,521	729,866
19	Chicago, Rock Island & Pacific	6	11	626,700	92,561	719,261
20	St. Louis, & Belleville Electric	1	4	623,222		623,222
21	Louisville & Nashville.....	5	19	561,653	54,009	615,662
22	Iowa Central	2	7	518,894	19,075	537,969
23	St. Louis & O'Fallon Electric	1	3	472,502	3,413	475,915
24	Toledo, Peoria & Western.....	3	12	419,817	21,129	440,946
25	Toledo, St. Louis & Western.....	3	5	335,798	242	336,040
26	Atchison, Topeka & Santa Fé.....	5	8	320,522	50,969	371,491
27	Chicago, Zeigler & Gulf	1	1	302,858	617	303,475
28	Peoria & Pekin Union	2	5	264,919	3,903	268,822
29	Illinois Southern.....	1	3	212,826		212,826
30	Chicago & Illinois Midland.....	1	1	173,035	2,020	175,055
31	Cincinnati, Hamilton & Dayton.....	2	4	151,174		151,174
32	Toluca, Marquette & Northern.....	1	1	130,885		130,885
33	Chicago, Indiana & Southern	3	3	121,092		121,092

Table 40—Concluded.

Number.	RAILROADS.	NUMBER OF—		TONS DELIVERED TO EACH RAILROAD FOR—		Total tons.
		Coun- ties.	Mines.	Ship- ment.	Loco- motives.	
34	Illinois Traction System (Electric)	2	4	74,270	.....	74,270
35	Illinois Terminal.....	1	1	56,286	.....	56,286
36	Lake Erie & Western.....	1	2	43,703	.....	43,703
37	Wabash, Chester & Western.....	1	2	11,788	.....	11,788
	Total 37 railroads.			42,032,535	1,100,706	43,133,241

Table 41 presents a list of 43 counties from which coal was shipped during the year. They are arranged according to the largest tonnage delivered to each railroad for shipment, with the per cent of tonnage shipped on each road. Williamson county takes first place in the list. It was third last year. St. Clair county was first last year in the list, but goes to third place this year. Sangamon county holds second place, the same as last year. Vermilion county delivered the largest tonnage of any one county to any one road, being 2,230,028 tons, shipped on the Chicago & Eastern Illinois railroad. Williamson county is second in this respect, delivering 2,092,879 tons to the Illinois Central road.

TABLE 41—Counties which have produced the Commercial Coal of the State and the Tonnage delivered to the several Railroads in each for transportation.

Number.	Counties and Railroads.	Number of railroads.	Number of mines.	Tons delivered to each railroad.	Total tons shipped and per cent to each road
1	Williamson.....	4	.....	.....	4,781,483
	Illinois Central.....	.....	18	2,092,879	43.77
	St. Louis, Iron Mountain & Southern.....	.....	16	1,121,291	23.45
	Chicago & Eastern Illinois.....	.....	8	1,098,052	22.97
	Chicago, Burlington & Quincy.....	.....	4	469,261	9.81
2	Sangamon.....	8	.....	.....	4,395,010
	Chicago & Alton.....	.....	18	1,808,500	41.15
	Wabash.....	.....	12	692,705	21.90
	Illinois Central.....	.....	8	637,185	14.50
	Chicago, Peoria & St. Louis.....	.....	8	441,684	10.05
	Baltimore & Ohio Southwestern.....	.....	4	217,113	4.94
	Chicago & Illinois Midland.....	.....	1	173,035	3.94
	Cincinnati, Hamilton & Dayton.....	.....	2	138,275	3.15
	Illinois Traction System—Electric.....	.....	2	16,513	0.37
3	St. Clair.....	7	.....	.....	4,036,289
	Illinois Central.....	.....	22	882,464	21.86
	Southern R. R.....	.....	10	671,164	16.63
	St. Louis & Belleville—Electric.....	.....	4	623,222	15.44
	Baltimore & Ohio Southwestern.....	.....	7	489,587	12.13
	Louisville & Nashville.....	.....	14	478,767	11.86
	St. Louis & O'Fallon.....	.....	3	472,502	11.71
	Vandalia Line.....	.....	1	418,579	10.37

Table 41—Continued.

Number.	Counties and Railroads.	Number of railroads.	Number of mines.	Tons delivered to each railroad.	Total tons shipped and per cent to each road.
4	Macoupin.....	6			3,908,081
	Macoupin Co. R. R.....		3	1,622,582	41.52
	Wabash.....		6	1,085,390	27.77
	Chicago, Burlington & Quincy.....		4	658,138	16.84
	Chicago & Alton.....		6	382,807	9.80
	Illinois Central.....		1	143,134	3.66
	Cleveland, Cincinnati, Chicago & St. Louis.....		1	16,030	0.41
5	Madison.....	8			3,382,400
	St. Louis, Troy & Eastern.....		3	947,783	28.02
	Litchfield & Madison.....		3	891,959	26.37
	Chicago & Eastern Illinois.....		1	404,906	11.97
	Illinois Central.....		2	391,387	11.57
	Vandalia Line.....		3	390,047	11.53
	Wabash.....		3	298,227	8.82
	Illinois Terminal.....		1	56,286	1.67
	Toledo, St. Louis & Western.....		1	1,805	0.05
6	Vermilion.....	3			2,676,527
	Chicago & Eastern Illinois.....		10	2,230,028	83.32
	Cleveland, Cincinnati, Chicago & St. Louis.....		5	388,742	14.52
	Illinois Traction System—Electric.....		2	57,757	2.16
7	Fulton.....	3			1,848,620
	Chicago, Burlington & Quincy.....		16	1,414,597	76.52
	Toledo, Peoria & Western.....		6	240,618	13.02
	Iowa Central.....		4	193,405	10.46
8	Bureau.....	4			1,744,794
	Chicago & Northwestern.....		6	1,106,380	63.41
	Chicago, Milwaukee & St. Paul.....		2	500,849	28.70
	Chicago, Rock Island & Pacific.....		1	103,223	5.92
	Chicago, Burlington & Quincy.....		1	34,342	1.97
9	Saline.....	3			1,616,365
	Cleveland, Cincinnati & St. Louis.....		17	1,577,551	97.60
	Louisville & Nashville.....		1	21,300	1.32
	Illinois Central.....		2	17,514	1.08
10	Perry.....	3			1,588,935
	Illinois Central.....		18	1,209,543	76.12
	Mobile & Ohio.....		2	367,604	23.14
	Wabash, Chester & Western.....		2	11,788	0.74
11	Grundy.....	3			1,222,787
	Elgin, Joliet & Eastern.....		10	1,212,339	99.15
	Chicago & Alton.....		3	6,869	0.56
	Atchison, Topeka & Santa Fé.....		3	3,579	0.29
12	LaSalle.....	8			1,155,727
	Illinois Central.....		4	402,226	34.80
	Chicago, Burlington & Quincy.....		8	308,593	26.70
	Chicago, Rock Island & Pacific.....		4	256,799	22.22
	Atchison, Topeka & Santa Fé.....		2	106,010	9.17
	Wabash.....		2	49,461	4.28
	Chicago, Milwaukee & St. Paul.....		2	25,138	2.18
	Chicago & Alton.....		1	7,000	0.61
	Chicago, Indiana & Southern.....		1	500	0.04

Table 41—Continued.

Number.	Counties and Railroads.	Number of railroads.	Number of mines.	Tons delivered to each railroad.	Total tons shipped and per cent to each road.
13	Christian	5			1,037,367
	Illinois Central.....		5	511,780	49.34
	Wabash.....		3	410,254	39.55
	Chicago & Eastern Illinois.....		2	71,916	6.93
	Cleveland, Cincinnati, Chicago & St. Louis.....		12	22,552	2.17
	Baltimore & Ohio Southwestern.....		3	20,865	2.01
14	Montgomery	8			987,209
	Cleveland, Cincinnati, Chicago & St. Louis.....		3	333,976	33.83
	Chicago & Eastern Illinois.....		2	310,725	31.48
	Toledo, St. Louis & Western.....		3	299,247	30.31
	Chicago, Burlington & Quincy.....		1	29,471	2.99
	Wabash.....		1	11,135	1.13
	Illinois Central.....		1	1,575	0.16
	Chicago & Alton.....		1	544	0.06
	Chicago, Peoria & St. Louis.....		1	536	0.05
15	Clinton	2			940,825
	Baltimore & Ohio Southwestern.....		5	711,824	75.66
	Southern R. R.....		2	229,001	24.34
16	Peoria.....	4			864,354
	Iowa Central.....		3	325,489	37.66
	Peoria & Pekin Union.....		4	214,705	24.84
	Toledo, Peoria & Western.....		5	172,755	19.99
	Chicago, Burlington & Quincy.....		6	151,405	17.51
17	Marion	2			842,668
	Illinois Central.....		6	841,912	99.91
	Baltimore & Ohio Southwestern.....		1	756	0.09
18	Franklin	5			735,294
	Chicago, Zeigler & Gulf.....		1	302,858	41.19
	Chicago & Eastern Illinois.....		2	284,039	38.63
	Chicago, Burlington & Quincy.....		4	76,390	10.38
	Illinois Central.....		2	45,607	6.21
	St. Louis, Iron Mountain & Southern.....		1	26,400	3.59
19	Randolph.....	3			707,633
	Mobile & Ohio.....		3	273,169	38.60
	Illinois Central.....		5	221,638	31.32
	Illinois Southern.....		3	212,826	30.08
20	Jackson.....	3			523,962
	Illinois Central.....		7	435,689	83.15
	Mobile & Ohio.....		2	77,323	14.76
	St. Louis, Iron Mt. & Southern.....		2	10,950	2.09
21	Mercer.....	2			413,712
	Chicago, Rock Island & Pacific.....		2	226,252	54.69
	Chicago, Burlington & Quincy.....		2	187,460	45.31
22	Marshall.....	5			378,031
	Toluca, Marquette & Northern.....		1	130,885	34.62
	Atchison, Topeka & Santa Fe.....		1	129,798	34.33
	Illinois Central.....		1	86,706	22.94
	Chicago, Rock Island & Pacific.....		2	20,642	5.46
	Chicago & Alton.....		1	10,000	2.65
23	Logan	2			363,162
	Illinois Central.....		4	224,840	61.91
	Chicago & Alton.....		2	138,322	38.09

Table 41—Continued.

Number.	Counties and Railroads.	Number of railroads.	Number of miles.	Tons delivered to each railroad.	Total tons shipped and per cent to each road.
24	Menard	2			337, 716
	Chicago, Peoria & St. Louis		5	248, 125	73.47
	Chicago & Alton		3	89, 591	26.53
25	Putnam	1			256, 587
	Chicago, Milwaukee & St. Paul		2	256, 587	100.00
26	Livingston	3			215, 205
	Wabash		2	110, 944	51.55
	Chicago, Indiana & Southern		1	97, 817	45.45
	Toledo, Peoria & Western		1	6, 444	3.00
27	Will	2			166, 708
	Chicago & Alton		2	96, 860	58.10
	Elgin, Joliet & Eastern		1	69, 848	41.90
28	Tazewell	4			145, 848
	Peoria & Pekin Union		1	50, 214	34.43
	Cleveland, Cincinnati, Chicago & St. Louis		1	46, 931	32.18
	Lake Erie & Western		2	43, 703	29.96
	Atchison, Topeka & Santa Fé		1	5, 000	3.43
29	Bond	3			124, 917
	Chicago, Burlington & Quincy		1	78, 138	62.55
	Toledo, St. Louis & Western		1	34, 746	27.82
	Vandalia Line		1	12, 033	9.63
30	Macon	4			120, 627
	Wabash		3	76, 841	63.71
	Illinois Central		2	26, 081	21.62
	Cincinnati, Hamilton & Dayton		2	12, 890	10.69
	Vandalia Line		1	4, 806	3.98
31	Woodford	2			119, 343
	Atchison, Topeka & Santa Fé		1	76, 135	63.80
	Illinois Central		1	43, 208	36.20
32	Shelby	3			101, 991
	Cleveland, Cincinnati, Chicago & St. Louis		1	50, 633	49.64
	Illinois Central		1	46, 941	46.03
	Baltimore & Ohio Southwestern		1	4, 417	4.33
33	Henry	2			86, 159
	Chicago, Burlington & Quincy		2	78, 475	91.08
	Chicago, Rock Island & Pacific		1	7, 684	8.92
34	Gallatin	1			58, 757
	Louisville & Nashville		2	58, 757	100.00
35	McLean	1			42, 003
	Illinois Central		2	42, 003	100.00
36	Kankakee	2			33, 636
	Chicago, Indiana & Southern		1	22, 775	67.71
	Illinois Central		1	10, 861	32.29
37	Washington	2			26, 018
	Illinois Central		1	24, 018	92.31
	Louisville & Nashville		1	2, 000	7.69

Table 41—Concluded.

Number.	Counties and Railroads.	Number of railroads.	Number of mines.	Tons delivered to each railroad.	Total tons shipped and per cent to each road.
38	McDonough.....	1			18,973
	Chicago, Burlington & Quincy.....		1	18,973	100.00
39	Rock Island.....	1			12,100
	Chicago, Rock Island & Pacific.....		1	12,100	100.00
40	Hancock.....	1			7,500
	Chicago, Burlington & Quincy.....		1	7,500	100.00
41	White.....	1			3,108
	Baltimore & Ohio Southwestern.....		1	3,108	100.00
42	Stark.....	1			2,850
	Chicago, Burlington & Quincy.....		2	2,850	100.00
43	Jefferson.....	3			1,254
	Louisville & Nashville.....		1	829	66.11
	Southern R. R.....		1	223	17.78
	Chicago & Eastern Illinois.....		1	202	16.11
	Total tons shipped—State.....			42,032,535	

Table 42 is a list of the 43 counties, showing the number of mines shipping and their total output of coal in each county, also the distribution of the tonnage. Sixteen of the counties containing mines of this class each sent over 1,000,000 tons of coal to the markets, the range being from 1,061,410 tons produced in Clinton county to 5,236,438 tons from Williamson county. In the aggregate these counties contain 74 per cent of the shipping mines, which produced for the year 84.8 per cent of the coal and shipped 86 per cent of the tons to the market.

TABLE 42—*Counties from which Coal is Shipped, Number of Shipping Mines, Total Output, Tons Shipped, Supplied to Locomotives, Sold to Local Trade and Consumed or Wasted at the Mines—1907.*

Number.	COUNTIES.	Number of mines.	Total tons produced.	DISTRIBUTION—TONS—			
				Shipped from mines.	Supplied to locomotives at the mines.	Sold to local trade.	Consumed or wasted at the mines
1	Williamson	32	5,236,438	4,781,483	13,676	20,329	420,950
2	Sangamon.....	35	4,829,145	4,395,010	84,053	185,979	164,102
3	St. Clair.....	60	4,327,368	4,036,289	51,047	81,842	158,190
4	Macoupin.....	18	4,216,406	3,908,081	84,662	45,644	178,019
5	Madison	16	3,527,200	3,382,400	10,893	41,590	92,317
6	Vermilion	17	2,800,504	2,676,527	31,041	16,792	76,144
7	Fulton.....	24	1,941,115	1,848,620	34,453	18,960	39,082
8	Bureau	8	1,868,148	1,744,794	26,039	27,833	69,482
9	Perry.....	22	1,737,079	1,588,935	66,236	26,323	55,585
10	Saline	18	1,707,717	1,616,365	30,100	28,317	32,935
11	LaSalle.....	16	1,463,995	1,155,727	113,121	111,836	83,311
12	Grundy.....	10	1,296,177	1,222,787	.....	23,258	50,132
13	Christian.....	8	1,235,566	1,037,367	70,236	65,013	62,950
14	Marion.....	6	1,080,283	842,668	155,742	41,500	40,373
15	Montgomery.....	8	1,073,708	987,209	20,305	41,966	24,228
16	Clinton.....	7	1,061,410	940,825	52,554	21,866	46,165
17	Peoria.....	18	912,353	864,354	22,071	10,186	15,742
18	Franklin.....	8	863,165	735,294	621	16,949	110,301
19	Randolph.....	10	735,654	707,633	.....	11,528	16,493
20	Jackson.....	10	685,733	523,962	58,683	26,996	76,092
21	Logan.....	4	478,015	363,162	28,390	58,992	27,471
22	Marshall.....	4	464,919	378,031	43,976	20,321	22,591
23	Mercer.....	4	433,144	413,712	1,366	5,488	12,578
24	Menard.....	7	386,051	337,716	3,769	31,497	13,069
25	Macon.....	5	296,329	120,627	7,753	150,759	14,190

Table 42—Concluded.

Number.	COUNTIES.	Number of mines.	Total tons produced.	DISTRIBUTION—TONS—			
				Shipped from mines	Supplied to locomotives at the mines.	Sold to local trade.	Consumed or wasted at the mines.
26	Putnam	2	268,710	256,587	2,839	4,583	4,701
27	Livingston	3	237,353	215,205	8,413	5,798	7,937
28	Will	3	181,910	166,708	.....	8,552	6,650
29	Tazewell	5	172,032	145,843	690	22,272	3,222
30	McLean	2	154,943	42,003	32,289	60,000	20,651
31	Woodford	2	150,743	119,343	6,303	14,865	10,232
32	Bond	2	136,967	124,917	.....	5,866	6,184
33	Shelby	2	132,066	101,991	10,789	12,716	6,570
34	Henry	3	101,041	86,159	.....	13,582	1,300
35	Gallatin	2	68,928	58,757	4,296	1,599	4,276
36	Washington	2	68,768	26,018	23,000	17,400	2,350
37	Kankakee	1	37,828	33,636	.....	1,067	3,125
38	McDonough	1	19,537	18,973	.....	.....	600
39	Rock Island	1	13,587	12,100	.....	1,087	400
40	Jefferson	1	10,000	1,254	1,300	6,846	600
41	Stark	2	9,123	2,850	.....	5,775	500
42	Hancock	1	8,400	7,500	.....	900	.....
43	White	1	7,243	3,108	.....	3,276	859
	Totals	411	46,436,839	42,032,535	1,100,706	1,320,948	1,982,650

DAYS OF ACTIVE OPERATION BY DISTRICTS.

Table 43 presents by districts the number of mines and men, also the average number of days the mines were in operation. Referring to the shipping mines, it is shown that they were in operation an average of 209 days during the year and directly benefiting 95 per cent of all employes in the coal mining industry of the State.

TABLE 43—*Days of Active Operation by Districts.*

DISTRICTS.	MINES, MEN AND AVERAGE WORKING DAYS.								
	ALL MINES.			SHIPPING MINES.			LOCAL MINES.		
	Mines.	Men.	Days.	Mines.	Men.	Days.	Mines.	Men.	Days.
First	67	6,950	192.87	30	6,510	234.43	37	440	161.59
Second	139	5,837	168.76	16	5,154	197.50	123	683	165.02
Third	89	3,957	194.09	31	3,496	227.13	58	461	176.43
Fourth	147	4,045	167.68	33	3,474	222.79	114	571	150.85
Fifth	65	4,671	190.27	22	4,306	219.22	43	362	177.77
Sixth	71	7,729	183.84	46	7,554	194.98	25	175	159.43
Seventh	73	7,827	180.10	36	7,515	183.56	37	312	176.46
Eighth	115	9,343	183.73	78	9,053	176.28	37	290	199.46
Ninth	67	7,234	182.10	57	7,181	190.91	10	53	110.57
Tenth	100	9,121	213.52	62	8,908	261.03	38	213	109.97
The State	933	66,714	184.09	411	63,154	209.03	522	3,560	164.20

Table 44 shows the record of the number of mines and men, also the average days of operation for a series of 15 years. Considering the shipping mines, it will be seen that the number of days of operation this year exceeds that of the two previous years.

TABLE 44—*Days of Active Operation, for a Series of 15 Years.*

YEAR.	MINES, MEN AND AVERAGE WORKING DAYS.								
	ALL MINES.			SHIPPING MINES.			LOCAL MINES.		
	Mines.	Men.	Days.	Mines.	Men.	Days.	Mines.	Men.	Days.
1893.....	788	35,390	229.6	310	28,737	229.6	478	6,653	161
1894.....	836	38,477	183.1	319	31,243	183.1	517	7,234	157
1895.....	874	38,630	182.2	319	31,174	182.2	555	7,456	155
1896.....	901	37,032	186.0	330	28,185	186.0	571	8,847	159
1897.....	853	33,788	185.5	310	31,322	185.5	543	2,466	167.1
1898.....	881	35,026	156.8	329	32,297	174.7	552	2,729	156.8
1899.....	889	36,991	174.6	323	34,307	205.7	566	2,684	175
1900.....	920	39,384	182.6	323	36,298	214.0	597	3,084	166.4
1901.....	915	44,143	174.3	331	40,940	204.4	584	3,217	157
1902.....	915	46,005	179.5	332	42,807	210.2	583	3,198	161.9
1903.....	933	49,814	192.1	353	46,494	221.8	580	3,320	170.7
1904.....	932	54,774	197.9	380	51,384	213.3	552	3,390	184.9
1905.....	990	59,230	173.7	397	55,743	198.5	593	3,487	158
1906.....	1,018	62,283	172.0	419	58,851	189.6	599	3,432	160.3
1907.....	933	66,714	184.1	411	63,154	209.3	522	3,560	164.2

Table 45 shows by districts and for the State the average values mine run coal per ton for the State was 97.3 cents. This is one district shows a value of \$1.567 per ton. This is 4 cents more than 87.3 cents a ton in the eighth district, a difference of 69.4 cents. For district to \$1.075 in the eighth, a difference of 62.7 cents.

TABLE 45—*Total Tons and Average Value per Ton of the Different*

DISTRICTS.	ALL GRADES.		MINE-RUN COAL.		LUMP COAL.	
	Total tons.	Average value per ton.	Total tons.	Average value per ton.	Total tons.	Average value per ton.
First	2,979,910	\$1.439	185,148	\$1.567	1,890,984	\$1.702
Second	2,415,920	1.437	155,528	1.426	1,719,212	1.671
Third	2,043,203	1.30	517,018	1.156	1,068,975	1.647
Fourth	2,296,063	1.197	522,831	1.277	816,793	1.536
Fifth	3,096,833	1.01	1,354,182	0.997	881,540	1.117
Sixth	5,693,211	0.922	1,986,317	0.927	2,039,662	1.208
Seventh	6,657,746	0.948	1,470,880	0.935	3,381,399	1.169
Eighth	7,991,535	0.857	1,634,796	0.873	3,886,099	1.075
Ninth	5,563,602	0.952	1,613,786	0.911	1,829,887	1.202
Tenth	7,698,816	0.956	1,851,501	0.945	2,178,827	1.209
Shipping mines	46,436,839	\$1.022	11,291,897	\$0.973	19,693,388	\$1.296
Local mines	1,361,782	\$1.502	336,315	\$1.135	906,121	\$1.734

per ton of each of the grades of coal at the mines. The value of cent less than the value last year. For this grade of coal the first last year. From the value in the first district the range is down to lump coal the range in value per ton was from \$1.702 in the first

Grades of Coal at the Shipping Mines and Local Mines, by Districts—1907.

EGG COAL.		NUT COAL.		PEA COAL.		SLACK COAL.	
Total tons.	Average value per ton.	Total tons.	Average value per ton.	Total tons.	Average value per ton.	Total tons.	Average value per ton.
175,743	\$1.808	39,502	\$1.540	619,404	\$0.612	69,129	\$0.667
27,288	1.482	2,317	1.563	445,527	0.618	66,048	0.831
31,338	1.609	73,758	0.965	321,548	0.505	30,566	0.453
359,379	1.411	68,569	1.242	492,157	0.447	36,334	0.237
65,309	0.968	307,660	0.971	467,242	0.891	20,900	0.788
246,434	1.144	157,252	1.058	1,130,210	0.485	133,336	0.394
126,501	1.324	179,100	1.062	1,327,210	0.446	172,656	0.195
305,533	1.081	283,481	0.719	1,591,311	0.406	290,315	0.246
502,479	1.185	351,880	1.071	1,165,406	0.546	100,164	0.219
628,638	1.210	1,137,267	1.019	1,490,166	0.602	412,407	0.374
2,468,642	\$1.262	2,600,746	\$1.009	9,050,181	\$0.522	1,331,855	\$0.326
800	\$1.50	24,520	\$1.306	87,863	\$0.614	6,163	\$0.543

Table 46 presents the record as to tons of coal by grades, with the The tonnage and values per ton here shown are arranged and State inspectors.

TABLE 46—*Total Tons and Average Value per Ton of the Different*

YEARS AND CHARACTER OF MINES.	ALL GRADES.		MINE-RUN COAL.		LUMP COAL.	
	Total tons.	Average value per ton.	Total tons.	Average value per ton.	Total tons.	Average value per ton.
1900—All mines.....	25,153,926	\$0.895	5,554,418	\$0.794	13,927,899	\$1.10
1901—All mines.....	26,635,319	0.954	6,882,740	0.919	13,321,124	1.181
1902 { Shipping.....	28,824,750	0.942	6,752,680	0.90	14,198,500	1.173
{ Local	1,196,550	1.38	233,524	1.174	843,173	1.542
1903 { Shipping.....	33,676,537	1.032	9,897,087	0.982	15,169,856	1.275
{ Local	1,278,863	1.521	476,011	1.405	704,653	1.713
1904 { Shipping.....	35,779,517	1.083	10,269,285	1.019	16,097,003	1.388
{ Local	1,298,380	1.577	358,619	1.363	791,007	1.826
1905 { Shipping.....	35,956,543	1.021	8,784,202	1.032	16,097,774	1.274
{ Local	1,226,831	1.612	464,356	1.627	721,547	1.657
1906 { Shipping.....	37,122,811	1.029	9,435,616	0.983	16,145,615	1.292
{ Local	1,194,770	1.56	342,289	1.441	732,473	1.739
1907 { Shipping.....	46,436,839	1.022	11,291,897	0.973	19,693,388	1.296
{ Local	1,361,782	1.502	336,315	1.135	906,121	1.734

value per ton at the mines for a series of eight years.
reached from the reports of the individual operator, as reported to the

Grades of Coal at the Mines, both Shipping and Local, for Eight Years.

EGG COAL.		NUT COAL.		PEA COAL.		SLACK COAL.	
Total tons.	Average value per ton.	Total tons.	Average value per ton.	Total tons.	Average value per ton.	Total tons.	Average value per ton.
495,637	\$0.94	1,323,582	\$0.695	2,811,520	\$0.418	1,040,874	\$0.221
486,596	1.086	1,217,127	0.808	3,667,591	0.436	1,060,141	0.269
677,079	1.022	1,562,659	0.764	4,542,277	0.471	1,091,055	0.228
3,906	1.478	23,797	1.10	61,455	0.576	30,695	0.322
992,378	1.269	1,741,393	0.946	4,478,386	0.527	1,397,437	0.307
2,785	1.577	14,311	1.089	62,045	0.704	19,058	0.272
1,008,672	1.388	1,581,222	1.044	5,650,639	0.56	1,172,696	0.331
6,028	1.718	21,161	1.442	100,931	0.647	20,634	0.429
1,716,111	1.237	2,028,346	0.864	6,219,756	0.479	1,110,354	0.301
108	1.315	7,806	0.984	27,755	0.633	5,259	0.243
1,850,327	1.278	1,912,063	0.991	6,536,942	0.504	1,242,248	0.318
100	1.00	19,925	1.063	85,145	0.819	14,838	0.392
2,468,642	1.262	2,600,786	1.009	9,050,181	0.522	1,331,855	0.336
800	1.50	24,520	1.306	87,863	0.614	6,163	0.543

Table 47 shows for a series of 26 years the tonnage of lump coal, with the value per ton at the mines. This is the sixth year this grade of coal has been reported separately for shipping mines. The tonnage for this year is three and a half million tons more than last year and the largest tonnage of this grade ever reported. This is accounted for by the large increase in the total output.

TABLE 47—*Average Value of Lump Coal per Ton at the Mine, for a Series of 26 Years—1882-1907.*

Year.	Tons of lump coal produced.	Average value per ton.	Year.	Tons of lump coal produced.	Average value per ton.
1882.....	9, 115, 653	\$1.51	1895.....	14, 045, 962	\$0.932
1883.....	10, 030, 991	1.48	1896.....	13, 990, 924	0.899
1884.....	10, 101, 005	1.26	1897.....	14, 672, 241	0.852
1885.....	9, 791, 874	1.17	1898.....	14, 208, 795	0.918
1886.....	9, 246, 435	1.10	1899.....	16, 008, 109	0.9186
1887.....	10, 278, 890	1.085	1900.....	13, 927, 899	1.099
1888.....	11, 855, 188	1.123	1901.....	13, 321, 124	1.181
1889.....	11, 597, 963	1.078	1902.....	*14, 198, 500	1.173
1890.....	12, 638, 364	1.019	1903.....	*15, 169, 856	1.275
1891.....	12, 900, 224	1.008	1904.....	*16, 097, 003	1.388
1892.....	14, 730, 963	1.029	1905.....	*16, 097, 774	1.274
1893.....	16, 112, 899	1.025	1906.....	*16, 145, 615	1.292
1894.....	13, 865, 284	1.009	1907.....	*19, 693, 388	1.296

*Shipping mines.

Table 48 shows the percentages of each of the several grades of coal for a series of six years.

TABLE 48—*Percentages of the Different Grades of Coal of Shipping Mines for Six Years.*

YEAR.	PERCENTAGES OF—					
	Mine run.	Lump.	Egg.	Nut.	Pea.	Slack.
1902.....	23.43	49.23	2.35	5.45	15.76	3.78
1903.....	29.39	45.05	2.95	5.17	13.29	4.15
1904.....	28.66	45.55	2.74	4.32	15.51	3.22
1905.....	24.43	44.77	4.77	5.64	17.30	3.09
1906.....	25.42	43.49	4.98	5.15	17.61	3.35
1907.....	24.32	42.41	5.32	5.60	19.49	2.86

MINE EMPLOYES.

Table 49 shows a classification of all employés in the mines of the State, as to location of employment. The total number employed in all mines was 66,714. This number is an increase of 7 per cent over last year. Of the whole number employed, 90 per cent work under ground.

TABLE 49—*Classification of Employés in Shipping Mines, by Districts, with the Employés of Local Mines.*

DISTRICTS.	ALL EMPLOYES UNDERGROUND.				Above ground.	Total.
	Miners	Other employés.	Boys.	Total.		
First.....	4,590	1,148	173	5,901	619	6,530
Second.....	3,664	982	121	3,767	387	5,154
Third.....	2,527	585	76	3,188	308	3,496
Fourth.....	2,496	638	58	3,192	283	3,474
Fifth.....	2,873	1,021	168	4,062	247	4,309
Sixth.....	5,074	1,573	220	6,867	688	7,554
Seventh.....	4,931	1,604	231	6,766	749	7,515
Eighth.....	6,215	1,814	169	8,198	855	9,053
Ninth.....	4,813	1,312	116	6,241	948	7,181
Tenth.....	5,480	2,084	254	7,818	1,090	8,908
Total.....	42,663	12,761	1,586	57,010	6,174	63,154
Local mines.....	2,835	265	9	3,109	421	3,560
The State.....	45,498	13,026	1,595	60,119	6,595	66,714

Table 50 is a classification of the employés in and around the mines for a series of nine years.

TABLE 50—*Classification of Employés in all Mines for Nine Years.*

YEAR.	ALL EMPLOYES UNDERGROUND.				Above ground.	Aggregate.
	Miners.	Other employés.	Boys.	Total.		
1899.....	26,449	5,455	1,295	33,199	3,792	36,991
1900.....	27,875	6,047	1,281	35,203	4,181	39,384
1901.....	30,829	7,595	1,326	39,750	4,393	44,143
1902.....	32,875	7,273	1,397	41,518	4,487	46,005
1903.....	34,904	8,523	1,276	44,793	5,111	49,814
1904.....	37,987	9,812	1,562	49,361	5,413	54,774
1905.....	41,202	10,694	1,540	53,436	5,794	59,230
1906.....	42,920	11,605	1,499	56,024	6,259	62,283
1907.....	45,498	13,026	1,595	60,119	6,596	66,714

Table 51 presents the number of employ  s working in and around the coal mines of the State, by districts for a series of 25 years.

TABLE 51—*Employ  s in Coal Mines of the State for a Series of Twenty-five Years, by Districts.*

YEARS.	DISTRICTS.										The State.
	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Ninth.	Tenth.	
1883	7,566	3,211	4,070	4,417	4,675						23,939
1884	8,013	3,616	5,018	4,781	4,147						25,575
1885	7,463	3,391	5,213	4,959	4,429						25,446
1886	7,613	3,599	4,870	5,197	4,567						25,846
1887	7,915	4,068	4,903	4,934	4,984						26,804
1888	8,623	4,914	5,250	5,086	5,537						29,410
1889	9,014	4,498	5,117	5,679	5,764						30,076
1890	8,258	4,099	5,171	5,685	5,361						28,574
1891	9,128	5,089	6,458	5,881	6,395						32,951
1892	9,572	4,865	6,453	6,542	6,200						33,632
1893	8,831	5,974	6,964	7,021	6,780						35,890
1894	10,280	6,713	7,112	7,760	6,621						38,477
1895	9,644	7,184	6,607	8,005	7,190						38,630
1896	9,380	7,103	2,134	4,467	5,758	4,374	3,816				37,032
1897	7,632	6,872	1,635	4,021	5,672	4,100	3,856				33,788
1898	7,377	6,799	1,800	4,030	6,093	4,662	4,265				35,026
1899	7,498	6,631	1,799	4,655	6,401	5,008	4,999				36,991
1900	7,722	5,693	3,864	5,545	5,983	5,885	4,692				39,384
1901	7,872	6,306	3,760	6,950	6,837	6,871	5,547				44,143
1902	8,035	6,583	4,268	5,679	7,564	7,929	5,947				46,005
1903	7,717	6,860	4,363	6,771	8,393	8,354	7,356				49,814
1904	8,038	7,362	4,808	7,293	9,541	9,665	8,067				54,774
1905	8,157	7,761	5,397	7,441	10,175	10,636	9,663				59,230
1906	7,091	6,293	3,623	3,845	3,997	7,856	6,895	8,633	6,380	7,670	62,283
1907	6,950	5,837	3,957	4,045	4,671	7,729	7,827	9,343	7,234	9,121	66,714

PRICES PAID FOR MINING.

Table 52 shows by districts the tons mined by hand and by machine, with the average prices paid for mining. The total output of shipping mines mined by hand was 31,954,488 tons at a level rate for the State of 59.2 cents per ton. This is a trifle over 2 cents per ton more than last year. The output of shipping mines mined by machines was 14,490,454 tons, at a flat rate of 47.9 cents per ton. This is 3.7 cents a ton more than last year. Of the total output of shipping mines, 68.8 per cent was mined by hand and 31.2 per cent was mined by machines.

TABLE 52—Average Price Paid for Mining by Hand and with Machine, at Shipping and Local Mines, by Districts—1907.

DISTRICTS.	MINING BY HAND.				MACHINE MINING.	
	SHIPPING MINES.		LOCAL MINES.		Tons.	Price per ton.
	Tons.	Price per ton.	Tons.	Price per ton.		
First	2,979,910	\$0.8252	218,130	\$0.7052	.....	.....
Second	2,415,920	0.7640	231,330	0.9965	.....	.....
Third	2,030,258	0.7503	170,389	0.6972	12,945	\$0.62
Fourth	2,296,063	0.6309	127,103	0.8574	.....	.....
Fifth	2,896,215	0.5606	220,220	0.55	200,618	0.5694
Sixth	4,882,957	0.5609	84,548	0.6410	810,254	0.4798
Seventh	2,519,046	0.5628	53,355	1.0837	4,146,068	0.48
Eighth	3,381,527	0.55	153,665	0.6015	4,610,008	0.4857
Ninth	3,841,413	0.5236	18,643	1.4023	1,722,189	0.4758
Tenth	4,711,179	0.4849	75,897	0.5223	2,988,372	0.4311
State	31,954,488	\$0.592	1,353,680	\$0.7704	14,490,454	\$0.4791

Table 53 shows the record of hand and machine mining at shipping mines, with the tonnage and prices paid per ton for a series of seven years.

TABLE 53—*Total Tonnage and Average Prices Paid for Hand and Machine Mining for a Series of Seven Years—1901-1907.*

YEARS.	HAND MINING.		MACHINE MINING.	
	Tons.	Price per ton.	Tons.	Price per ton.
1901	20,172,779	\$0.564	5,774,639	\$0.412
1902	22,186,812	0.564	6,647,086	0.395
1903	26,042,014	0.57	7,646,777	0.434
1904	28,648,682	0.593	7,130,835	0.466
1905	27,762,968	0.578	8,193,575	0.443
1906	27,566,480	0.57	9,563,230	0.442
1907	31,954,488	0.592	14,490,454	0.4791

EARNINGS OF MINERS.

Table 54 presents the earnings of miners only in shipping mines where coal is mined exclusively by hand and paid for by the ton. The average days and the average rate paid per ton are both computed from the returns of each mine and shown in previous tables.

TABLE 54—*Earnings of Coal Miners, Hand Mining, in Shipping Mines for the Year Ending June 30, 1907, by Districts.*

DISTRICTS.	Number of mines.	Average days worked.	Total tons mined.	Average rate per ton.	Gross earnings.	Average tons per man per year.	Average earnings per man per year.	Average tons per man per day.	Average earnings per man per day.
First	4,590	234.4	2,979,910	\$0.8252	\$2,459,022	649.21	\$535.73	2.77	\$2.29
Second	3,664	197.5	2,415,920	0.7640	1,845,735	659.33	505.75	3.34	2.55
Third.....	2,497	227.1	2,030,258	0.7503	1,523,303	813.07	610.06	3.63	2.69
Fourth.....	2,496	222.8	2,296,063	0.6309	1,448,586	919.9	580.40	4.13	2.60
Fifth.....	2,533	213.2	2,761,591	0.5606	1,548,148	1,090.2	611.2	4.97	2.79
Sixth.....	4,534	195.0	4,882,146	0.5609	2,738,396	1,076.	603.97	5.52	3.10
Seventh.....	2,143	183.6	2,305,908	0.5628	1,297,765	1,076.	605.58	5.81	3.30
Eighth.....	3,944	176.3	3,158,034	0.55	1,736,918	800.70	440.40	4.54	2.50
Ninth.....	3,281	191.0	3,479,597	0.5236	1,821,917	1,060.53	555.29	5.55	2.91
Tenth.....	3,504	261.0	4,486,856	0.4849	2,175,676	1,281.	620.91	4.91	2.38
The State.....	22,186	209.0	30,796,283	\$0.592	\$18,231,400	927.99	\$549.37	4.44	\$2.63
1906.....	30,742	189.60	25,628,945	\$0.5702	\$14,767,153	833.68	\$480.86	4.40	\$2.54
1905.....	31,185	198.49	26,566,481	0.5782	15,353,039	851.90	492.32	4.29	2.48
1904.....	28,717	213.3	27,091,501	0.5989	16,233,869	943.39	565.30	4.42	2.65
1903.....	25,878	224.1	24,455,225	0.5699	14,043,280	944.63	542.67	4.22	2.42
1902.....	24,229	209.8	20,616,155	0.5645	11,638,120	850.88	480.34	4.06	2.29
1901.....	22,206	203.0	18,227,130	0.5690	10,372,670	821.00	467.11	4.04	2.30

Table 55 gives the record by districts of the coal mined by machines. No machines are used in the first, second and fourth districts. The mines in the seventh, eighth and tenth districts reported 86 per cent of the coal mined exclusively by machines and 81 per cent of the total machine mined coal.

TABLE 55—*Machine Mining—Mines, Men, Machines, Tons, by Districts—1907.*

DISTRICTS.	MINES IN WHICH MACHINES ARE USED									
	EXCLUSIVELY.				IN PART.			TOTAL.		
	Mines.	Men.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.
Third.....	1	30	4	12,945				1	4	12,945
Fifth.....					3	31	200,618	3	31	200,618
Sixth.....	2	542	18	529,012	2	12	281,242	4	30	810,254
Seventh.....	18	2,428	293	4,044,105	3	24	101,963	21	317	4,146,068
Eighth.....	20	2,121	235	3,223,075	11	126	1,386,933	31	361	4,610,008
Ninth.....	6	758	91	927,209	8	53	794,980	14	144	1,722,189
Tenth.....	13	979	107	1,698,227	14	111	1,290,145	27	218	2,988,372
The State.....	60	6,858	748	10,434,573	41	357	4,055,881	101	1,105	14,490,454

Table 56 shows the record of machine mining for a series of eight years. The mines reporting the exclusive use of machines increased only 5 per cent over last year and the number of machines used only 9 per cent, while the tons mined increased 36.6 per cent. The total number of mines using machines increased 18.8 per cent over last year; the number of machines 14.9 per cent and the number of tons cut 51.5 per cent, showing certainly a remarkable increase in the effectiveness of machine mining.

TABLE 56—*Machine Mining—Mines, Men, Machines, Tons, for Eight Years.*

YEAR.	MINES IN WHICH MACHINES ARE USED—									
	EXCLUSIVELY.				IN PART.			TOTAL.		
	Mines.	Men.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.
1900	38	3,883	272	3,765,601	29	158	1,817,993	67	430	5,583,594
1901	29	3,499	280	3,761,270	34	184	2,015,369	63	464	5,776,639
1902	34	4,811	308	4,460,025	30	156	2,037,098	64	464	6,497,123
1903	33	4,378	292	4,393,052	35	230	3,253,725	68	522	7,646,777
1904	40	3,691	400	4,903,184	27	223	2,237,343	67	623	7,140,427
1905	52	4,635	560	6,406,571	24	224	1,795,495	76	784	8,202,066
1906	57	6,137	685	7,638,536	28	277	1,924,694	85	962	9,563,230
1907	60	6,858	748	10,434,573	41	357	4,055,881	101	1,105	14,490,454

Table 57 gives the kind of machines and the number in use, by districts. The Sullivan machine holds first place as to the number in use and the Ingersoll-Sergeant takes second place, putting the Harrison third in this respect.

TABLE 57—*Name and Number of Mining Machines in Use, by Districts—1907.*

Districts.	Sullivan.	Ingersoll-Ser- geant.	Harrison.	Goodman.	Morgan-Gard- ner	Jeffrey.	Herzler & Henninger.	Yock.	Link Belt.	Lec.	Total.
Third				1						3	4
Fifth	12		19								31
Sixth				16	11	3					30
Seventh	97	82	95	21	17		1	4			317
Eighth	147	88	47	28	1	21	25	4			363
Ninth	42	33	8	44	7	6			4		144
Tenth	129	18	26	2	38	5					218
The State	427	221	195	112	74	35	26	8	4	3	1,105

Table 58 presents the record of mining machines in use in the coal mines of the State for a series of eight years. The number of machines in use this year was 1,105. This is 143 more machines than reported for last year. Several of the different kinds of machines have largely increased in the number in use during the past few years.

TABLE 58—*Name and Number of Mining Machines in Use for Eight Years.*

Year.	Sullivan.	Ingersoll-Ser- geant.	Harrison.	Goodman.	Morgan-Gard- ner.	Jeffrey.	Herzler & Henninger.	Yock.	Link Belt.	Lec.	Butler.	Total.
1900	40	119	197		19	30	1	5	19			430
1901	33	132	178		32	33	13	24	19			464
1902	36	133	160	29	22	32	20	28	3		2	465
1903	82	95	178	15	15	50	33	31	21		2	522
1904	131	142	210	29	27	29	22	27	4		2	623
1905	183	178	236	49	19	41	40	33	4		1	784
1906	315	197	244	82	28	33	35	25		3		962
1907	427	221	195	112	74	35	26	8	4	3		1,105

Table 59 presents a list of 60 mines in which machines are used exclusively for mining coal. This is three more mines than reported for last year. The number of machines in use in these mines was 748, cutting a total of 10,434,573 tons of coal. This is 2,796,037 tons, or 36.6 per cent, more than was cut last year. The two mines of the Superior Coal Company at Gillespie, Macoupin county, head the list with an output of 1,357,300 tons, using 80 machines. These mines were in operation an average of 258 days during the year. This would make an average of 66 tons per day cut by each machine.

The Mt. Olive and Staunton Coal Company at Staunton, Madison county, shows a record of 510,052 tons cut by 11 machines. This mine is reported as being in operation 233 days. This gives an average of 2,189 tons for each day and 199 tons daily for each machine.

TABLE 59—*Mines in which Machines are Used Exclusively.*

Number.	COMPANY.	Location.	MACHINES.		Tons.
			No.	Name.	
1	Superior Coal Co., No. 2.....	Gillespie.....	40	{ 23 Ingersoll-Sergeant. } 17 Sullivan.....	699,127
2	Superior Coal Co., No. 1.....	do.....	40	Ingersoll-Sergeant.....	658,173
3	Mt. Olive & Staunton Coal Co., No. 2.	Staunton.....	11	{ 9 Goodman..... } 2 Jeffrey.....	510,052
4	Consolidated Coal Co., No. 17.....	Collinsville...	28	{ 18 Harrison..... } 10 Sullivan.....	438,176
5	Donk Bros. Coal & Coke Co., No. 2....	Maryville.....	30	Sullivan.....	407,583
6	Big Muddy Coal & Iron Co., No. 8....	Clifford.....	37	do.....	386,123
7	Mt. Olive & Staunton Coal Co., No. 1.	Staunton.....	10	{ 7 Jeffrey..... } 3 Sullivan.....	370,156
8	Illinois Collieries Co., No. 1.....	Virden.....	11	Goodman.....	356,579
9	Chicago, Wilmington & Ver. Coal Co.	Thayer.....	12	{ 11 Morgan-Gardner .. } 1 Goodman.....	336,849
10	Zeigler Coal Co.....	Zeigler.....	24	{ 20 Goodman..... } 4 Ingersoll-Sergeant	321,285
11	Consolidated Coal Co., No. 15.....	Mt. Olive.....	27	{ 21 Sullivan..... } 6 Harrison.....	319,195
12	Superior Coal Co., No. 3.....	Gillespie.....	16	{ 14 Sullivan..... } 2 Ingersoll-Sergeant	313,525
13	Consolidated Coal Co., No. 14.....	Staunton.....	24	Sullivan.....	307,383
14	Lumaghi Coal Co., No. 2.....	Collinsville...	29	do.....	249,850
15	St. Louis & O'Fallon, No. 2.....	French Village	16	do.....	243,957
16	Hillsboro Coal Co.....	Hillsboro.....	8	Morgan-Gardner.....	236,397
17	Southern Coal & Mining Co., No 9....	New Baden...	30	Sullivan.....	226,778
18	Consolidated Coal Co., No. 6.....	Staunton.....	22	{ 18 Harrison..... } 4 Yock.....	209,187
19	O'Gara Coal Co., No. 9.....	Harrisburg...	6	Morgan-Gardner.....	208,574
20	Carterville District Coal Co., No. 6..	Marion.....	15	Sullivan.....	202,877
21	Southern Coal & Mining Co., No. 8...	Belleville.....	9	{ 7 Jeffrey..... } 1 Morgan-Gardner..... 1 Goodman.....	196,504
22	Black Diamond Coal Co.....	Auburn.....	6	Goodman.....	192,163
23	Trenton Coal Co.....	Trenton.....	24	Ingersoll-Sergeant.....	190,894
24	O'Gara Coal Co.....	Harrisburg...	6	Morgan-Gardner.....	188,887

Table 59—Concluded.

Number.	COMPANY.	Location.	MACHINES.		Tons.
			No.	Name.	
25	Green Ridge Mining Co	Green Ridge ..	7	Morgan-Gardner	177,796
26	Madison Coal Corporation, No. 5	Mt. Olive	17	Ingersoll-Sergeant	172,330
27	O'Gara Coal Co., No. 4	Harrisburg ..	5	Morgan-Gardner	172,169
28	Consolidated Coal Co., No. 10 .....	..do.	19	18 Harrison	143,768
				1 Herzler-Henninger ..	
29	Consolidated Coal Co., No. 8 .....	..do.	19	Harrison	140,522
30	O'Gara Coal Co., No. 7	Carriers Mill ..	5	Morgan-Gardner	135,026
31	Lumaghi Coal Co., No. 3	Collinsville ...	11	Sullivan	132,961
32	Missouri & Illinois Coal Co., No. 7 ..	Willisville	8	Goodman	124,298
33	Kerns-Donnewald Coal Co	Worden	7	5 Jeffrey	107,329
				2 Goodman	
34	O'Gara Coal Co., No. 10	Eldorado	5	Morgan-Gardner	100,639
35	Breese-Trenton Coal Co	Trenton	17	Ingersoll-Sergeant	98,462
36	Kortkamp Coal Co., No. 1	Hillsboro	4	Goodman	97,890
37	Big Muddy Coal & Iron Co	Murphysboro ..	11	Harrison	97,382
38	Consolidated Coal Co., No. 7	Staunton	21	..do.	96,434
39	Consolidated Coal Co	Collinsville ...	8	..do.	91,590
40	O'Gara Coal Co., No. 2	Harrisburg ..	4	Morgan-Gardner	86,763
41	Stonington Coal Co	Stonington ...	4	Goodman	86,179
42	Borders Coal Co., No. 2	Marissa	8	Sullivan	76,528
43	Edwardsville Coal Co	Edwardsville ..	10	Ingersoll-Sergeant	71,759
44	O'Gara Coal Co., No. 8	Eldorado	4	Morgan-Gardner	71,631
45	Southern Coal & Mining Co., No. 3 ...	Belleville	8	6 Herzler-Henninger ..	66,255
				2 Harrison	
46	Illinois Fuel Co	Sparta	3	Goodman	60,234
47	Southern Coal & Mining Co., No. 1 ...	Belleville	8	Sullivan	58,140
48	Interstate Coal & Mining Co., No. 1 ..	Worden	8	Ingersoll-Sergeant	34,663
49	O'Gara Coal Co., No. 11	Eldorado	3	Morgan-Gardner	31,148
50	Consolidated Coal Co	Gillespie	12	Harrison	22,252
51	Silver Creek Coal & Mining Co	O'Fallon	4	..do.	21,882
52	International Coal & Min. Co., No. 2 ..	..do.	4	Yock	17,076
53	Consolidated Coal Co	Belleville	5	Harrison	17,018
54	Schmidgall Coal Co	Murphysboro ..	4	Ingersoll-Sergeant	16,273
55	Beatty Coal Co	Mascoutah	4	3 Harrison	13,134
				1 Sullivan	
56	Third Vein Coal Co	Mapleton	4	3 Lee	12,945
				1 Goodman	
57	Wm. Neill & Co	Bunker Hill ..	1	Harrison	4,140
58	W. P. Rend Coal Co	Benton	2	Morgan-Gardner	3,720
59	Peabody Coal Co	Nokomis	1	Sullivan	3,228
60	Gus Blair Coal Co., No. 2	Murphysboro ..	2	1 Ingersoll-Sergeant ..	736
				1 Harrison	
			748		
					10,434,573

Table 60 is a list of machines operated in mines, where they are used exclusively for mining coal. Six of the machines were used separately in 44 of the 60 mines and produced 6,376,351 tons of coal, or 61 per cent, of all the coal thus mined.

TABLE 60—*Machine Mining Exclusively—Name and Number of Machines, Number of Mines, Men, Days and Tons.*

Names of Machines.	Machines.	Mines.	Men.	Days.	Tons.
Sullivan	209	11	2,146	226	2,295,408
Ingersoll-Sergeant	110	7	1,453	192	1,242,554
Harrison	81	8	776	162	491,220
Morgan-Gardner	55	11	1,425	204	1,412,750
Goodman	36	6	962	201	917,343
Yock	4	1	58	59	17,076
Sullivan, 32—Harrison, 27	59	3	757	173	770,505
Sullivan, 31—Ingersoll-Sergeant, 25	56	2	1,147	269	1,012,652
Harrison, 20—Herzler & Henninger, 7	27	2	296	172	210,023
Goodman, 20—Ingersoll-Sergeant, 4	24	1	562	290	321,285
Harrison, 18—Yock, 4	22	1	252	221	209,187
Goodman, 11—Jeffrey, 7	18	2	480	206	617,381
Morgan-Gardner, 11—Goodman, 1	12	1	375	174	336,849
Jeffrey, 7—Sullivan, 3	10	1	340	230	370,156
Jeffrey, 7—Morgan-Gardner, 1—Goodman, 1	9	1	154	282	196,504
Lee, 3—Goodman, 1	4	1	36	217	12,945
Harrison, 1—Ingersoll-Sergeant, 1	2	1	8	58	735
Totals	748	60	11,227	193	10,434,573

Table 6I gives a list of 41 mines in which only a part of the tonnage is cut by machines. This list accounts for 357 machines and their production, being 4,055,881 tons.

TABLE 6I—*Mines in which only Part of the Output is Cut by Machines.*

Number.	COMPANY.	Location.	MACHINES.		Tons.
			No.	Name.	
1	Chicago-Carterville Coal Co. A	Herrin	30	Sullivan	438, 196
2	New Staunton Coal Co.	Livingston	10	Goodman	411, 730
3	Sunnyside Coal Co., No. 1	Herrin	25	Sullivan	358, 450
4	Madison Coal Corporation	Divernon	11	8 Goodman	278, 753
				3 Jeffrey	
5	Willis Coal & Mining Co.	Willisville	11	6 Goodman	220, 281
				5 Sullivan	
6	Willis Coal & Mining Co., No. 6	Percy	6	Goodman	198, 309
7	Southern Coal & Mining Co., No. 8	Belleville	12	Herzler & Henninger	186, 626
8	Odin Coal Co., No. 3	Odin	8	4 Jeffrey	179, 624
				4 Link-Belt	
9	Madison Coal Corporation, No. 2	Glen Carbon	20	Ingersoll-Sergeant	173, 687
10	DeCamp Coal Mining Co.	Staunton	6	Goodman	148, 794
11	Madison Coal Corporation, No. 4	Glen Carbon	24	Ingersoll-Sergeant	146, 066
12	Little Vermilion Coal Co.	Georgetown	12	Sullivan	117, 292
13	Benton Coal Co.	Benton	8	5 Morgan	115, 153
				1 Goodman	
				1 Sullivan	
				1 Jeffrey	
14	Taylor Coal Co.	O'Fallon	12	Sullivan	104, 174
15	Chicago-Marion Coal Co., No. 1	White Ash	14	do.	100, 554
16	Saline Co. Coal Co., No. 1	Ledford	6	do.	92, 926
17	Shoal Creek Coal Co., No. 1	Panama	20	do.	78, 743
18	Big Muddy Coal & Iron Co., No. 6 ...	Murphysboro	9	Harrison	77, 501
19	Royal Coal & Mining Co.	Belleville	18	Sullivan	66, 686
20	Glendale Coal & Mining Co.	do.	5	Herzler & Henninger	55, 675
21	Peabody Coal Co. No. 2	Marion	4	Jeffrey	52, 081
22	Henrietta Coal Co.	Edwardsville	8	7 Ingersoll-Sergeant	47, 720
				1 Harrison	
23	Mfg. & Con. Coal Co.	Decatur	9	Harrison	47, 586
24	Gus Blair B. M. Coal Co., No. 1	Murphysboro	5	Ingersoll-Sergeant	43, 763
25	Dering Coal Co., No. 11	W. Frankfort	9	5 Harrison	41, 213
				2 Sullivan	
				2 Ingersoll-Sergeant	
26	Blue Mound Coal Co.	Blue Mound	10	Harrison	35, 740
27	Gartside Coal Co., No. 3	Murphysboro	4	Ingersoll-Sergeant	35, 355
28	Hippart Coal Co., No. 2	Belleville	7	4 Harrison	32, 903
				2 Herzler & Henninger	
				1 Sullivan	
29	Gartside Co., Co., No. 4	Murphysboro	4	Ingersoll-Sergeant	29, 474
30	Chicago & Carbondale, No. 1	Carbondale	5	Harrison	26, 000
31	Clover Leaf Coal Co., No. 2	Coffeen	2	Goodman	21, 243

Table 61—Concluded.

Number.	COMPANY.	Location.	MACHINES.		Tons.
			No.	Name.	
32	Big Muddy Coal & Iron Co., No. 9 ...	Murphysboro .	2	Sullivan	18,574
33	Avery Coal & Mining Co	Winkle	4	3 Harrison	18,543
				1 Sullivan	
34	Jupiter Coal & Mining Co	Duquoin	4	3 Ingersoll-Sergeant	13,651
				1 Sullivan	
35	Pocahontas Mining Co	Pocahontas ...	4	2 Harrison	12,872
				2 Ingersoll-Sergeant	
36	Southern Coal & Mining Co., No. 10.	Germantown..	3	2 Sullivan	8,206
				1 Jeffrey	
37	Peabody Coal Co. No. 3.....	Marion	1	Goodman	7,443
38	Saline County Coal Co., No. 2.....	Ledford	1	do.....	6,128
39	West Virginia Coal Co	Marion	1	Jeffrey	3,700
40	Mechanicsburg Coal Co	Mechanicsb'rg	1	Goodman	2,489
41	Moweaqua Coal M. & Mfg. Co., No. 1.	Moweaqua	2	Morgan-Gardner.....	1,977
			357		4,055,881

POWDER USED IN MINES.

Table 62 presents for the year the record by districts of all mines, both shipping and local, where powder is used for blasting down coal, and in addition the same record is shown for the State for the past seven years. In this table all employes are included. The total number of kegs of powder consumed during the year for blasting coal was 1,261,910. This was 234,537 kegs, or 22.83 per cent, more than was used last year and 157.2 per cent more than was used in 1900, eight years ago.

The total cost for this extremely large quantity of powder was \$2,208,343.

TABLE 62—*Distribution of Powder Used in all Mines, by Districts.*

DISTRICTS.	POWDER USED IN BLASTING COAL.					
	Mines.	Men.	Kegs.	Tons of coal.	Kegs per man.	Tons per keg.
First	27	2,499	19,300	1,156,937	7.72	59.94
Second.....	58	1,583	45,896	1,017,998	24.14	22.13
Third.....	79	2,266	69,677	1,333,314	30.75	19.14
Fourth.....	78	3,731	117,918	2,414,455	31.60	20.48
Fifth.....	62	4,482	131,702	2,209,395	29.38	16.78
Sixth.....	57	7,681	252,094	5,759,125	32.82	22.85
Seventh.....	51	7,679	100,076	6,695,749	13.03	66.90
Eighth.....	105	9,317	159,746	8,136,219	17.15	50.93
Ninth.....	66	7,232	163,106	5,582,195	22.55	34.22
Tenth.....	100	9,121	202,395	7,775,448	22.19	38.42
The State.....	681	55,591	1,261,910	42,080,835	22.70	33.35
1906.....	727	34,452	1,027,373	34,260,359	29.82	33.25
1905.....	556	33,115	938,500	32,898,350	28.34	35.05
1904.....	591	29,924	923,418	32,336,448	30.86	35.02
1903.....	639	40,267	806,311	30,937,409	20.02	38.37
1902.....	657	36,559	637,448	25,556,523	17.40	40.01
1901.....	585	34,570	477,612	16,283,180	13.82	34.09
1900.....	621	29,667	490,713	19,979,219	16.50	40.71

Table 63 presents by districts the distribution of powder in shipping mines only, without regard to the method of mining the coal. The computation shown as to the number of kegs per man and the number of tons per keg is based on the number of miners proper, as reported by each mine.

TABLE 63—*Distribution of Powder in all Shipping Mines, by Districts.*

Districts.	Number of mines.	Number of miners.	Total number of tons.	Number of kegs of powder.	Number of kegs per man.	Number of tons per keg.
First	15	1,774	1,027,342	14,688	8.28	69.94
Second	8	848	886,946	40,196	47.40	22.07
Third	25	1,280	1,178,442	59,161	46.22	19.92
Fourth	30	2,264	2,151,090	112,641	49.75	19.10
Fifth	20	2,763	2,999,175	126,862	45.91	23.64
Sixth	46	5,074	5,693,211	248,900	49.05	22.87
Seventh	36	4,931	6,657,746	98,245	19.92	67.77
Eighth	78	6,215	7,991,535	156,015	25.10	51.22
Ninth	57	4,813	5,563,602	162,438	33.75	34.25
Tenth	62	5,480	7,698,816	199,840	36.47	38.52
Totals	377	35,442	41,847,905	1,218,986	34.39	34.34

Tables 64, 65 and 66 present the record by districts as to the use of powder for reducing the coal in the shipping mines of the State, under three different processes of mining.

Table 64 shows the results in mines where hand mining prevails exclusively.

Table 65 is the same, but for machine mining exclusively, and table 66 is mines where both hand and machine mining are applied. The outcome reached by the different methods in the use of powder is shown by percentages as follows:

TABLE 64—*Consumption of Powder in Shipping Mines, Hand Mining Exclusively, by Districts.*

District.	Number of mines.	Number of miners.	Number of tons.	Number of kegs of powder.	Number of kegs per man.	Number of tons per keg.
First.....	15	1,774	1,027,342	14,688	8.28	69.94
Second.....	8	848	886,946	40,196	47.40	22.07
Third.....	25	1,280	1,165,497	59,161	46.22	19.92
Fourth.....	30	2,264	2,151,090	112,641	49.75	19.10
Fifth.....	17	2,423	2,663,033	116,322	48.00	22.87
Sixth.....	43	4,532	4,887,635	240,236	51.86	20.37
Seventh.....	17	2,067	2,305,908	52,931	20.76	53.51
Eighth.....	47	2,935	3,158,044	107,130	36.50	29.46
Ninth.....	42	3,281	3,480,597	122,476	40.38	26.27
Tenth.....	36	3,207	4,139,195	137,590	42.93	30.06
Totals.....	280	24,581	25,865,287	1,003,371	40.81	25.78
Percentages.....	74.27	69.37	62.10	82.31		

TABLE 65—*Consumption of Powder in Shipping Mines, Machine Mining Exclusively, by Districts.*

District.	Number of mines.	Number of machines.	Number of miners.	Number of tons.	Number kegs of powder.	Number kegs per man.	Number tons per keg.
Third.....	1	4	30	12,945	50	16.67	25.81
Sixth.....	2	18	362	529,012	5,729	15.83	92.34
Seventh.....	16	291	2,604	4,036,737	31,210	11.72	129.34
Eighth.....	20	235	2,145	3,223,075	29,662	13.80	108.66
Ninth.....	6	91	758	927,209	15,797	20.84	58.69
Tenth.....	12	105	975	1,697,482	26,136	26.79	64.95
Total.....	57	744	6,874	10,426,460	108,584	15.80	96.02
Percentages.....	15.12		19.40	24.90	8.91		

TABLE 66—*Consumption of Powder in Shipping Mines, Hand and Machine Mining Combined, by Districts.*

DISTRICT.	Number of mines.	Number of machines.	Number of miners.	Number of tons.	Number of kegs of powder.	Number of kegs per man.	Number of tons per keg.
Fifth.	3	31	340	336,142	10,540	30.70	31.89
Sixth.	1	11	180	276,564	2,935	16.30	95.25
Seventh.	3	24	260	315,101	14,104	54.25	22.33
Eighth.	11	126	1,135	1,610,416	19,223	16.94	84.30
Ninth.	8	53	774	1,155,796	24,165	31.22	47.83
Tenth.	14	111	1,298	1,862,139	36,064	27.75	51.70
Totals.	40	356	3,987	5,556,158	107,131	26.86	51.76
Percentage.	10.61	.....	11.23	13.00	8.78	.....	.....

TABLE 67—*Percentages of Mines, Men, Tons and Powder, Shipping Mines Only.*

CHARACTER OF MINES AND PROCESS OF MINING.	PERCENTAGES OF—					
	Mines.	Miners.	Tons.	Powder.	Kegs per man.	Tons per keg.
Shipping mines—hand mining.	74.27	69.37	62.10	82.31	40.81	25.78
Shipping mines—machine mining ...	15.12	19.40	24.90	8.91	15.80	96.02
Shipping mines—hand and machine mining.	10.61	11.23	13.00	8.78	26.85	51.76

BLASTING DOWN COAL IN THE MINES.

Table 68 shows by districts the methods employed in shipping mines where powder is used for blasting down coal. There are three classes of mines shown in the table; mines where the coal is blasted from the solid, mines where the coal is undercut before blasting and mines where both of the former methods are used.

It is here shown that in 70.9 per cent of these mines coal was blasted from the solid, producing 57.3 per cent of the tonnage; in 19.6 per cent of the mines the coal was undercut before blasting, producing 31 per cent of the tonnage, while in 9.5 per cent of the mines both of these methods prevailed, producing 11.7 per cent of the tonnage.

TABLE 68—*Method of Mining in Shipping Mines where Powder is Used for Blasting Down the Coal—1907.*

DISTRICTS.	BLASTED FROM THE SOLID.		UNDERCUT BE- FORE BLASTING.		BOTH METHODS USED.		TOTALS.	
	Mines.	Tons.	Mines.	Tons.	Mines.	Tons.	Mines.	Tons.
First.....	1	37,828	4	417,303	3	326,730	8	781,861
Second.....	6	795,672			2	91,274	8	886,946
Third.....	22	1,145,886					22	1,145,886
Fourth.....	29	2,151,090	1	117,000			30	2,268,090
Fifth.....	17	2,663,033	1	98,250	2	237,892	20	2,999,175
Sixth.....	43	4,853,795	3	808,536	1	20,040	47	5,682,371
Seventh.....	26	2,112,432	18	4,454,338	1	71,976	45	6,638,746
Eighth.....	46	2,126,449	22	3,679,890	10	1,195,880	78	7,002,219
Ninth.....	43	3,478,576	6	927,209	8	1,156,794	57	5,562,579
Tenth.....	27	3,661,867	17	1,944,543	8	1,610,722	52	7,217,132
The State....	260	23,026,625	72	12,447,069	35	4,711,308	367	40,185,005

SUMMARY OF ALL MINES.

Tables 69, 70, 71, 72, 73 and 74 present a summary by districts of the totals of all the leading items concerning the coal industry of the State.

TABLE 69—Summary by Districts—Shipping and Local Mines—Number of Counties and Production—1907.

DISTRICTS AND MINES.	Counties.	No. of mines.	Total tons of coal produced.	GRADED PRODUCTS—TONS OF—					
				Mine run.	Lump.	Egg.	Nut.	Pea.	Slack or waste.
First	4	67	3,198,049	185,148	2,097,217	175,743	39,502	631,310	69,129
Shipping....	4	30	2,979,910	185,148	1,890,984	175,743	39,502	619,404	†69,129
Local.....	3	37	218,139	.....	206,233	.....	.....	11,906	.....
Second	6	139	2,647,250	155,853	1,926,438	27,288	2,317	469,306	66,048
Shipping....	4	16	2,415,920	155,528	1,719,212	27,288	2,317	445,527	66,048
Local.....	6	123	231,330	325	207,226	.....	.....	23,779	.....
Third	6	89	2,213,592	584,458	1,170,099	31,338	73,758	323,373	30,566
Shipping....	6	31	2,043,203	517,018	1,068,975	31,338	73,758	321,548	30,566
Local.....	4	58	170,389	67,440	101,124	.....	.....	1,825	.....
Fourth	5	147	2,423,166	527,122	924,853	359,379	70,469	503,432	†37,911
Shipping....	5	33	2,296,063	522,831	816,793	359,379	68,569	492,157	†36,334
Local.....	4	114	127,103	4,291	108,060	.....	1,900	11,275	†1,577
Fifth	3	65	3,317,053	1,428,621	1,001,108	65,309	319,398	481,217	21,400
Shipping....	2	22	3,096,833	1,354,182	881,540	65,309	307,660	467,242	20,900
Local.....	2	43	220,220	*74,439	119,568	.....	11,738	13,975	500
Sixth	6	71	5,777,759	1,997,381	2,094,322	246,434	160,488	1,145,124	134,010
Shipping....	3	46	5,693,211	1,986,317	2,039,662	246,434	157,252	1,130,210	133,336
Local.....	5	25	84,548	11,064	54,660	.....	3,236	14,914	674
Seventh.....	9	73	6,718,859	1,478,658	3,430,389	126,501	179,150	1,331,455	172,706
Shipping....	4	36	6,657,746	1,470,880	3,381,399	126,501	179,100	1,327,210	172,656
Local.....	8	37	61,113	7,778	48,990	.....	50	4,245	50
Eighth	3	115	8,145,200	1,788,461	3,886,099	305,533	283,481	1,591,311	290,315
Shipping....	3	78	7,991,535	1,634,796	3,886,099	305,533	283,481	1,591,311	290,315
Local.....	2	37	153,665	153,665	.....	.....	.....	.....	.....
Ninth	8	67	5,582,245	1,627,869	1,832,947	502,479	351,880	1,166,406	†100,664
Shipping....	8	57	5,563,602	1,613,786	1,829,887	502,479	351,880	1,165,406	†100,164
Local.....	4	10	18,643	14,083	3,060	.....	.....	1,000	†500
Tenth	5	100	7,775,448	1,854,731	2,236,037	629,438	1,144,863	1,495,110	415,269
Shipping....	4	62	7,698,816	1,851,501	2,178,837	628,638	1,137,267	1,490,166	412,407
Local.....	5	38	76,632	3,230	57,200	800	7,596	4,944	2,862
The State.....	55	933	47,798,621	11,628,302	20,599,509	2,469,442	2,625,306	9,138,044	1,338,018
Shipping....	43	411	46,436,839	11,291,987	19,693,388	2,468,642	2,600,786	9,050,181	1,331,855
Local.....	43	522	1,361,782	336,315	906,121	800	24,520	87,863	6,163

* 25,889 tons no value given.

† 28,710 tons no value given. † 2,057 tons no value given. † 1,957 tons no value given. † 100 tons no value given. † 6,963 tons no value given. † 500 tons no value given.

TABLE 70—Summary by Districts—Aggregate Value of the Total Product at the Mines and of the Different Grades of Coal, per Ton—1907.

DISTRICTS AND MINES.	Aggregate value of total product.	AGGREGATE VALUE OF THE DIFFERENT GRADES OF COAL AT THE MINES.					
		Mine run.	Lump.	Fig.	Nut.	Pea.	Slack or waste.
First.....	\$4,657,655	\$280,423	\$3,593,580	\$317,665	\$69,826	\$390,031	\$6,130
Shipping	\$4,277,436	\$280,432	\$3,224,430	\$317,665	\$69,826	\$378,962	\$6,130
Local	380,219		369,150			11,069	
Second	\$3,891,333	\$222,394	\$3,278,563	\$40,443	\$3,623	\$291,381	\$54,929
Shipping	\$3,469,706	\$221,826	\$2,873,289	\$40,443	\$3,623	\$275,597	\$54,929
Local	421,627	568	405,274			15,785	
Third	\$2,889,115	\$670,914	\$1,919,334	\$50,429	\$71,183	\$163,395	\$13,858
Shipping	\$2,656,245	\$597,606	\$1,760,824	\$50,429	\$71,185	\$162,343	\$13,858
Local	232,870	73,308	158,510			1,052	
Fourth	\$2,940,578	\$672,974	\$1,438,494	\$507,175	\$88,018	\$224,777	\$9,140
Shipping	\$2,742,847	\$667,610	\$1,254,645	\$507,175	\$85,168	\$219,739	\$8,510
Local	197,731	5,364	183,849		2,850	5,038	630
Fifth	\$3,387,893	\$1,405,127	\$1,164,801	\$63,240	\$310,338	\$427,159	\$17,228
Shipping	\$3,129,899	\$1,350,710	\$984,306	\$63,240	\$298,765	\$416,400	\$16,478
Local	257,994	54,417	180,495		11,573	10,759	750
Sixth.....	\$5,473,666	\$1,853,665	\$2,561,061	\$282,014	\$170,370	\$553,402	\$53,154
Shipping	\$5,351,444	\$1,841,494	\$2,465,407	\$282,014	\$165,516	\$544,406	\$52,607
Local	122,222	12,171	95,654		4,854	8,996	547
Seventh	\$6,423,566	\$1,385,834	\$4,049,183	\$167,520	\$190,425	\$596,897	\$33,707
Shipping	\$6,309,847	\$1,374,728	\$3,951,219	\$167,520	\$190,325	\$592,353	\$33,702
Local	113,719	11,106	97,964		100	4,544	5
Eighth	\$7,043,115	\$1,626,881	\$4,163,990	\$330,450	\$203,979	\$646,524	\$71,291
Shipping	\$6,843,394	\$1,427,160	\$4,163,990	\$330,450	\$203,979	\$646,524	\$71,291
Local	199,721	199,721					
Ninth	\$5,326,521	\$1,491,264	\$2,203,892	\$595,410	\$376,865	\$636,847	\$22,243
Shipping	\$5,301,409	\$1,471,507	\$2,199,287	\$595,410	\$376,865	\$636,097	\$22,243
Local	25,112	19,757	4,605			750	
Tenth	\$7,452,954	\$1,752,706	\$2,713,636	\$761,922	\$1,167,760	\$901,247	\$155,683
Shipping	\$7,357,449	\$1,750,117	\$2,635,330	\$760,722	\$1,158,938	\$898,075	\$154,267
Local	95,505	2,589	78,306	1,200	8,822	3,172	1,416
The State	\$49,486,396	\$11,362,182	\$27,086,534	\$3,116,268	\$2,652,389	\$4,831,660	\$437,363
Shipping	\$47,439,676	\$10,983,181	\$25,512,727	\$3,115,068	\$2,624,190	\$4,770,495	\$434,015
Local	2,046,720	379,001	1,573,807	1,200	28,199	61,165	3,348

TABLE 71—*Summary by Districts of the Value of Coal per Ton at the Mine, 1907.*

DISTRICTS AND MINES.	AVERAGE VALUE OF THE DIFFERENT GRADES OF COAL PER TON AT THE MINES.						All grades.
	Mine-run	Lump.	Egg.	Nut.	Pea.	Slack.	
First.....	\$1.567	\$1.713	\$1.808	\$1.54	\$0.618	\$0.667	\$1.469
Shipping.....	\$1.567	\$1.702	\$1.808	\$1.54	\$0.612	\$0.667	\$1.449
Local.....		1.79			0.929		1.743
Second.....	\$1.427	\$1.702	\$1.482	\$1.564	\$0.621	\$0.832	\$1.47
Shipping.....	\$1.426	\$1.671	\$1.482	\$1.564	\$0.619	\$0.832	\$1.436
Local.....	1.75	1.956			0.664		1.823
Third.....	\$1.148	\$1.643	\$1.609	\$0.965	\$0.505	\$0.453	\$1.305
Shipping.....	\$1.156	\$1.647	\$1.609	\$0.965	\$0.505	\$0.453	\$1.30
Local.....	1.087	1.568			0.577		1.367
Fourth.....	\$1.277	\$1.555	\$1.411	\$1.249	\$0.447	\$0.255	\$1.214
Shipping.....	\$1.277	\$1.536	\$1.411	\$1.242	\$0.447	\$0.248	\$1.195
Local.....	1.25	1.701		1.50	0.447	0.427	1.556
Fifth.....	\$0.984	\$1.164	\$0.968	\$0.972	\$0.888	\$0.805	\$1.029
Shipping.....	\$0.997	\$1.117	\$0.968	\$0.971	\$0.891	\$0.788	\$1.011
Local.....	1.121	1.51		0.986	0.77	1.50	1.314
Sixth.....	\$0.928	\$1.223	\$1.144	\$1.062	\$0.483	\$0.397	\$0.947
Shipping.....	\$0.927	\$1.209	\$1.144	\$1.058	\$0.487	\$0.395	\$0.94
Local.....	1.10	1.75		1.50	0.603	0.812	1.446
Seventh.....	\$0.93	\$1.18	\$1.324	\$1.063	\$0.448	\$0.195	\$0.956
Shipping.....	\$0.935	\$1.169	\$1.324	\$1.063	\$0.446	\$0.195	\$0.948
Local.....	1.428	2.00		2.00	1.07	0.10	1.861
Eighth.....	\$0.91	\$1.072	\$1.082	\$0.72	\$0.406	\$0.246	\$0.865
Shipping.....	\$0.873	\$1.072	\$1.082	\$0.720	\$0.406	\$0.246	\$0.856
Local.....	1.30						1.30
Ninth.....	\$0.916	\$1.20	\$1.185	\$1.071	\$0.546	\$0.219	\$0.954
Shipping.....	\$0.911	\$1.202	\$1.185	\$1.071	\$0.546	\$0.219	\$0.953
Local.....	1.399	1.495			0.75		1.348
Tenth.....	\$0.945	\$1.214	\$1.211	\$1.02	\$0.603	\$0.375	\$0.959
Shipping.....	\$0.945	\$1.210	\$1.211	\$1.019	\$0.602	\$0.374	\$0.956
Local.....	0.801	1.353	1.50	1.163	0.606	0.495	1.246
The State.....	\$0.977	\$1.315	\$1.262	\$1.01	\$0.525	\$0.337	\$1.037
Shipping.....	\$0.973	\$1.296	\$1.262	\$1.009	\$0.527	\$0.336	\$1.022
Local.....	1.232	1.737	1.50	1.15	0.696	0.502	1.533

TABLE 72—*Summary by Districts of the Total Tons and the Disposition of the Output, 1907.*

DISTRICTS AND MINES.	Total tons produced.	DISPOSITION OF OUTPUT—TONS.			
		Shipped from mines.	Supplied to locomotives at mines.	Sold to local trade.	Consumed and wasted at mines.
First.....	3,198,049	2,578,858	113,121	212,032	294,038
Shipping.....	2,979,910	2,578,858	113,121	144,713	143,218
Local.....	2,218,139			67,319	150,820
Second.....	2,647,250	2,256,765	27,405	275,511	87,569
Shipping.....	2,415,920	2,256,765	27,405	47,990	83,760
Local.....	231,330			227,521	3,809
Third.....	2,213,592	1,836,370	83,602	220,008	73,612
Shipping.....	2,043,203	1,836,370	83,602	61,528	61,703
Local.....	170,389			158,480	11,909
Fourth.....	2,423,166	2,062,944	67,432	228,243	64,547
Shipping.....	2,296,063	2,062,944	67,432	102,132	63,555
Local.....	127,103			126,111	992
Fifth.....	3,317,053	2,797,154	38,794	390,771	90,334
Shipping.....	3,096,833	2,797,154	38,794	170,551	90,334
Local.....	220,220			220,220	
Sixth.....	5,777,759	5,095,888	116,212	359,091	206,568
Shipping.....	5,693,211	5,095,888	116,212	276,468	204,643
Local.....	84,548			82,623	1,925
Seventh.....	6,718,859	6,034,648	185,992	218,269	279,950
Shipping.....	6,657,746	6,034,648	185,992	165,339	271,767
Local.....	61,113			52,930	8,183
Eighth.....	8,145,200	7,543,606	61,940	282,963	256,691
Shipping.....	7,991,535	7,543,606	61,940	129,298	256,691
Local.....	153,665			153,665	
Ninth.....	5,582,245	4,845,735	299,453	163,744	273,313
Shipping.....	5,563,602	4,845,735	299,453	145,688	272,726
Local.....	18,643			18,056	587
Tenth.....	7,775,448	6,980,567	106,755	159,007	535,119
Shipping.....	7,698,816	6,980,567	106,755	77,241	534,253
Local.....	76,632			75,766	866
The State.....	47,798,621	42,032,535	1,100,706	2,503,639	2,161,741
Shipping.....	46,436,839	42,032,535	1,100,706	1,320,948	1,982,650
Local.....	1,361,782			1,182,691	179,091

TABLE 73—*Summary by Districts, Tons Mined by Hand and Machine, Price Paid for Mining, Machines, Powder, 1907.*

DISTRICTS AND MINES.	TONS MINED BY—		AVERAGE PRICE PAID PER TON FOR—		MACHINES.		POWDER.	
	Hand.	Machine.	Hand mining.	Machine mining.	Number of mines using.	Number in use.	Used for blasting coal.	For other purposes
First.....	3, 198, 049		\$0.7881				19, 200	906
Shipping.....	2, 979, 910		\$0.8252				14, 688	896
Local.....	218, 139		0.7055				4, 612	10
Second.....	2, 647, 250		\$0.7803				45, 896	1, 117
Shipping.....	2, 415, 920		\$0.7640				40, 196	1, 112
Local.....	231, 330		0.9965				5, 700	5
Third.....	2, 200, 647	12, 945	\$0.7445	\$0.4700	1	4	69, 677	378
Shipping.....	2, 030, 258	12, 945	\$0.7503		1	4	59, 161	313
Local.....	170, 389		0.6972				10, 516	65
Fourth.....	2, 423, 166		\$0.6123				117, 903	221
Shipping.....	2, 296, 063		\$0.6309				112, 641	221
Local.....	127, 103		0.8574				5, 262	
Fifth.....	3, 116, 435	200, 618	\$0.5451	\$0.5694	3	31	131, 702	
Shipping.....	2, 896, 215	200, 618	\$0.5606	\$0.5694	3	31	126, 862	
Local.....	220, 220		0.5550				4, 840	
Sixth.....	4, 967, 505	310, 254	\$0.5673	\$0.4798	4	30	252, 094	114
Shipping.....	4, 882, 957	310, 254	\$0.5609	\$0.4798	4	30	248, 900	114
Local.....	84, 548		\$0.6410				3, 194	
Seventh.....	2, 572, 791	4, 146, 068	\$0.5732		21	317	100, 076	
Shipping.....	2, 519, 046	4, 138, 700	\$0.5628	\$0.4800	19	315	98, 245	
Local.....	53, 745	7, 368	01.0837	\$0.48	2	2	1, 831	
Eighth.....	3, 535, 192	4, 610, 008	\$0.5488	\$0.4800	31	361	159, 746	95
Shipping.....	3, 381, 527	4, 610, 008	\$0.5500	\$0.4857	31	361	156, 015	95
Local.....	153, 665		\$0.6015				3, 731	
Ninth.....	3, 860, 056	1, 722, 189	\$0.5273	\$0.4758	14	144	165, 348	1907
Shipping.....	3, 841, 413	1, 722, 189	\$0.5236	\$0.4758	14	144	164, 690	1, 757
Local.....	18, 643		1.4028				658	150
Tenth.....	4, 787, 076	2, 988, 372	\$0.5475	\$0.4575	28	277	302, 395	101
Shipping.....	4, 711, 179	2, 987, 637	\$0.5502	\$0.4575	28	277	299, 840	101
Local.....	75, 897	735	0.5223	0.5700			2, 555	
The State.....	33, 308, 167	14, 490, 454	\$0.5945	\$0.4765	102	1, 164	1, 359, 037	4, 839
Shipping.....	31, 954, 458	14, 482, 351	\$0.5748	\$0.4765	100	1, 162	1, 321, 238	4, 609
Local.....	1, 353, 709	8, 103	0.5175	0.5478	2	2	37, 799	230

TABLE 74—*Summary by Districts, Employés, Days in Operation, Casualties, 1907.*

DISTRICTS AND MINES.	Total number employés	EMPLOYES.				Average days of operation.	CASUALTIES.	
		Miners.	Others under ground.	Boys under ground.	All above ground.		Killed.	Injured.
First.....	6,950	4,922	1,201	178	649	189	18	100
Shipping.....	6,530	4,590	1,148	173	619	276		
Local.....	420	332	53	5	30	137		
Second.....	5,837	4,241	1,013	121	462	169	11	108
Shipping.....	5,154	3,664	982	121	387	211		
Local.....	683	577	31		75	165		
Third.....	5,957	2,899	617	76	365	196	5	9
Shipping.....	3,496	2,527	585	76	308	227		
Local.....	461	372	32		57	181		
Fourth.....	4,045	3,013	647	58	327	168	5	14
Shipping.....	3,474	2,496	638	58	282	226		
Local.....	571	517	9		45	151		
Fifth.....	4,671	3,152	1,061	168	290	192	17	94
Shipping.....	4,309	2,873	1,021	168	247	226		
Local.....	362	279	40		43	178		
Sixth.....	7,729	5,206	1,598	223	702	179	15	52
Shipping.....	7,554	5,074	1,573	220	687	192		
Local.....	175	132	25	3	15	159		
Seventh.....	7,827	5,164	1,620	231	812	166	21	113
Shipping.....	7,515	4,931	1,604	231	749	194		
Local.....	312	233	16		63	177		
Eighth.....	9,343	6,432	1,837	169	905	184	24	79
Shipping.....	9,053	6,215	1,814	169	855	182		
Local.....	290	217	23		50	199		
Ninth.....	7,234	4,852	1,317	116	949	175	20	20
Shipping.....	7,181	4,813	1,314	116	938	200		
Local.....	53	39	3		11	33		
Tenth.....	9,121	5,617	2,117	255	1,132	194	29	47
Shipping.....	8,908	5,480	2,084	254	1,090	193		
Local.....	213	137	33	1	42	152		
The State.....	66,714	45,499	13,028	1,595	6,592	185	165	636
Shipping.....	63,174	42,663	12,763	1,586	6,160	197		
Local.....	3,540	2,836	265	9	432	158		

FATAL ACCIDENTS.

Table 75 presents by districts the record of the number of deaths occurring to employès in and around the coal mines of the State during the past year; also showing their relation to the number of men employed and the number of tons of coal produced. The number killed was 165. This is ten more than was reported for last year.

TABLE 75—*Fatal Casualties by Districts ofr the Year Ended June 30, 1907.*

DISTRICT.	Killed.	WHERE EMPLOYED		EMPLOYES.			Total tons of coal mined.	Number employès to each death.	Ratio per 1,000 employed.	Number of tons of coal to each death
		Under ground.	Above ground.	Under ground.	Above ground.	Total.				
First	18	18	.....	6,301	649	6,950	3,198,049	386	2.6	177,669
Second	11	11	.....	5,375	462	5,837	2,647,250	531	1.9	240,659
Third	5	5	.....	3,592	365	3,957	2,213,592	791	1.3	442,718
Fourth	5	5	.....	3,718	327	4,045	2,423,166	809	1.2	484,633
Fifth	17	17	.....	4,381	290	4,671	3,317,053	275	3.6	195,121
Sixth	15	14	1	7,027	702	7,729	5,777,759	515	1.9	385,184
Seventh	21	19	2	7,015	812	7,827	6,718,859	373	2.7	319,946
Eighth	24	24	.....	8,438	905	9,343	8,145,200	389	2.6	339,383
Ninth	20	19	1	6,285	949	7,234	5,582,245	362	2.8	279,112
Tenth	29	26	3	7,989	1,132	9,121	7,775,448	315	3.2	268,119
The State	165	158	7	60,121	6,593	66,714	47,798,621	404	2.5	289,689

Table 76 gives the record of the fatalities in the coal mines of the State for a series of 25 years. The ratio of the number killed to the number employed is the same as last year, while the number of tons produced to each death exceeds that of last year by more than 40,000.

TABLE 76—*Fatal Accidents for Twenty-five Years.*

Year.	Number killed.	Total number of employes.	Total tons of coal mined.	Number of employes to each life lost.	Rate per 1,000.	Number of tons of coal produced to each life lost.
1883.....	*134	23,939	12,123,457	179.6	5.6	90,474
1884.....	46	25,575	12,208,075	566	1.8	265,393
1885.....	39	25,436	11,834,459	652.4	1.5	303,448
1886.....	52	25,846	11,175,241	497	2.0	214,909
1887.....	41	26,804	12,423,066	654	1.5	303,002
1888.....	55	29,410	14,328,181	534.7	1.9	260,512
1889.....	42	30,076	14,017,298	716.1	1.4	333,745
1890.....	53	28,574	15,274,727	539.1	1.9	286,316
1891.....	60	32,951	15,660,698	549	1.8	261,012
1892.....	57	33,632	17,062,276	580	1.7	313,372
1893.....	69	35,390	19,949,564	513	1.9	289,124
1894.....	72	32,635	17,113,576	553.3	2.2	237,688
1895.....	75	31,962	17,735,864	426.2	2.3	236,478
1896.....	77	33,054	19,786,626	429.2	2.3	256,969
1897.....	69	33,788	20,072,758	489.7	2.0	290,610
1898.....	75	35,026	18,599,299	467	2.1	247,991
1899.....	84	36,991	23,434,445	440	2.3	278,982
1900.....	94	39,384	25,153,929	419	2.4	267,595
1901.....	99	44,143	26,635,319	445.9	2.2	269,044
1902.....	99	46,005	30,021,300	464.7	2.2	303,245
1903.....	156	49,814	34,955,400	319.3	3.1	224,073
1904.....	157	54,774	37,077,897	348.9	2.9	236,165
1905.....	199	59,230	37,183,374	298	3.4	186,851
1906.....	155	62,283	38,317,581	402	2.5	247,210
1907.....	165	66,714	47,798,621	404	2.5	289,659
Average—25 years....	89	37,737	21,997,733	424	2.4	247,277

* Includes 69 men drowned by the flooding of the Diamond mine, Braidwood, and 10 men killed by an explosion at Carterville.

Table 77 shows the averages of the number killed and the number employed and tons mined, with the proportion of the killed to each, also the ratio of deaths to each 1,000 employés.

TABLE 77—*Fatal Accidents, Averages and Proportions for Nine Years, 1883-1891, and for the Succeeding Sixteen Years, 1892-1907.*

NUMBER OF YEARS.	AVERAGE.			PROPORTION OF—		Ratio per 1,000.
	Killed.	Employés.	Tons mined.	Employés to each life lost.	Tons to each life lost.	
9 years	58	27,623	13,227,245	476.3	208,899	2.1
10 years	58	28,224	13,610,748	487.5	235,073	2.1
11 years	59	28,876	14,187,004	490.2	240,829	2.0
12 years	60	29,189	14,430,885	486.5	240,515	2.1
13 years	61	29,402	14,685,114	481.	240,134	2.1
14 years	62	29,663	15,049,508	464.8	241,621	2.1
15 years	63	29,938	15,384,391	479.	245,235	2.1
16 years	64	30,256	15,585,323	476.5	245,438	2.1
17 years	65	30,652	16,047,036	473.7	248,000	2.1
18 years	66	31,137	16,552,974	469.4	249,568	2.1
19 years	68	31,822	17,083,624	467.6	251,035	2.1
20 years	70	32,531	17,730,508	467.4	254,748	2.1
21 years	74	33,354	18,550,741	452.5	251,657	2.2
22 years	78	34,328	19,392,884	442.9	250,231	2.3
23 years	83	35,410	20,166,384	427.8	243,607	2.3
24 years	86	36,530	20,922,767	425.	243,288	2.4
25 years	89	37,737	21,997,733	424.	247,277	2.4

Table 78 presents by districts a list of 22 causes from which deaths occurred during the year. The seventh, eighth, ninth and tenth districts account for 94, or 57 per cent, of all the deaths. The leading causes in these districts resulting fatally were: Falling coal and slate, pit cars, cages and explosions of powder and gas. The whole number of deaths from these causes was 96. Of these, 68, or 71 per cent, occurred in the districts named. However, these districts produced for the year 59 per cent of the coal, which was 300,231 tons to each death, and in this respect exceeding the average for the State.

TABLE 78—*Fatal Accidents by Causes for 1907, by Districts, with Percentages.*

CAUSES.	Totals.	DISTRICTS.										Per- cent- ages.
		1st	2d	3d	4th	5th	6th	7th	8th	9th	10th	
1 Blast explosion	1									1		0.61
2 Blown out shot	8						6			2		4.85
3 Cable	1			1								0.61
4 Cages	8						1			6	1	4.85
5 Dynamite explosion	1							1				0.61
6 Explosion, drilling shot	1									1		0.61
7 Falling clod	5					1			4			3.03
8 Falling coal	19	2	4			1	2	3	5		2	11.51
9 Falling down shaft	6					1	2	2			1	3.64
10 Falling off scaffold	1							1				0.61
11 Falling pole	1										1	0.61
12 Falling prop	1						1					0.61
13 Falling rock or roof	34	14	1	2	2	11		2	2			20.60
14 Falling slate	26							3	8	7	8	15.75
15 Flying coal	1								1			0.61
16 Gas explosion	4										4	2.42
17 Pit cars	28	1	6	1	1	3	2	7	4		3	16.96
18 Powder explosion	11	1		1	2						7	6.66
19 Pump	1										1	0.61
20 Railroad cars	4						1	1		1	1	2.42
21 Shot blowing through ribs	2							1		1		1.21
22 Trolley wire	1									1		0.61
Totals, 1907	165	18	11	5	5	17	15	21	21	20	29	100.00

Table 79 presents the fatal accidents in the coal mines of the State for 20 years. In this showing the numerous causes from which death resulted have been reduced to seven of the chief sources of fatalities in mines. Falling coal and rock has been the most prominent cause for all the years shown in the table, with the exception of the years 1903, 4 and 5. Over 50 per cent of all the deaths was from these causes. The exceptional years were noted for the large number of deaths from the use of powder.

TABLE 79—*Fatal Accidents for Twenty Years, by Leading Causes.*

YEARS.	Totals.	LEADING CAUSES.								OTHER CAUSES.		
		Blasts and ex- plosions.	Cages.	Falling coal, rock.	Falling down shaft.	Fire, black and white damp.	Pit cars.	Railway cars.	Total.	Percentages.	Total.	Percentages.
1888.....	55	9	2	33	4	.....	6	1	55	100.0	.....	.....
1889.....	42	3	4	26	2	.....	5	.....	40	95.2	2	4.8
1890.....	53	4	4	36	.....	5	3	1	53	100.0	.....	.....
1891.....	60	11	4	33	1	4	2	2	57	95.0	3	5.0
1892.....	57	4	4	28	8	3	8	1	54	94.7	3	5.3
1893.....	69	6	4	48	3	2	2	1	66	95.7	3	4.3
1894.....	72	8	8	43	5	.....	6	2	72	100.0	.....	.....
1895.....	75	12	4	38	4	5	5	1	69	92.0	6	8.00
1896.....	77	9	5	41	6	2	7	1	21	92.2	6	7.8
1897.....	69	11	.....	46	5	2	1	1	66	95.7	3	4.3
1898.....	75	11	2	43	4	7	2	1	70	93.3	5	6.7
1899.....	84	4	5	51	4	4	6	1	75	89.3	9	10.7
1900.....	94	17	4	51	1	1	11	2	87	92.6	7	7.4
1901.....	99	3	1	57	1	1	11	.....	74	74.7	25	25.3
1902.....	99	13	2	55	7	.....	15	2	94	95.0	5	5.0
1903.....	156	47	6	77	2	.....	18	.....	150	96.2	6	3.8
1904.....	157	44	4	65	8	.....	21	2	144	91.7	13	8.3
1905.....	199	82	6	80	4	3	10	1	186	93.5	13	6.5
1906.....	155	24	5	84	9	.....	18	4	144	92.9	11	7.1
1907.....	165	24	8	84	6	4	28	4	158	95.8	7	4.2
Total 20 years.....	1,912	346	82	1,019	84	43	183	28	1,785	93.4	127	6.6
Percentages 20 years.....	.....	18.1	4.2	53.3	4.4	2.3	9.6	1.5	.....	.....	6.6	.....

Table 80 shows by districts and for seven years the causes of fatal accidents reduced to three classes, all deaths resulting from the use of powder, falling coal, rock, etc., and from miscellaneous causes. The number killed this year from the use of powder and from falling coal, rock, etc. is the same as last year. It is quite remarkable that only one man was reported killed by flying coal. Considering the large quantity of powder used in the past few years in reducing the coal and the very large production by this process, it is notable that for the past seven years only 24.8 per cent of the deaths resulted from the use of powder in mining, while 48.9 per cent was from falls in the mines and 26.3 per cent from all other causes.

TABLE 80—*Fatal Accidents, Caused Primarily by Explosions, Falling Coal and from Other Causes by Districts, for the Year 1907, and for the Six Preceding Years.*

DISTRICTS AND YEARS.	CAUSES—USE OF POWDER.					Total from blasts etc.	OTHER CAUSES		Total from other causes.	Total from all causes.
	Blast ex- plosions.	Blast pre- mature.	Blown out charges.	Powder explosions.	Flying coal.		Falling coal, rock, etc.	Miscellaneous		
First				1		1	16	1	17	18
Second							5	6	11	11
Third		1				1	2	2	4	5
Fourth				2		2	2	1	3	5
Fifth							13	4	17	17
Sixth			6			6	2	7	9	15
Seventh			1			1	8	12	20	21
Eighth					1	1	19	4	23	24
Ninth	1		4			5	7	8	15	20
Tenth				7		7	10	12	22	29
1907	1	1	11	10	1	24	84	57	141	165
1906	6	1	2	5	10	24	84	47	131	155
1905	56	2	7	8	9	82	80	37	117	199
1904	3	16	2	14	9	44	65	48	113	157
1903	28	11		3	2	44	79	33	112	156
1902	2	9		3	3	17	55	27	82	99
1901	1	8		3	8	20	57	22	79	99
Seven years..	97	48	22	46	42	255	504	271	775	1,030

Table 81 shows the percentages by years for seven years, of the number killed traceable to the use of powder; also the percentages of the whole number killed caused by falling rock, coal, etc., and from all other causes, and a final division into three classes of causes, showing for the seven years 24.8 per cent killed from the use of powder, 48.9 per cent from falling rock, etc., and 26.3 per cent from all other causes.

TABLE 81—*Percentages of Fatal Casualties for Seven Years—1901-1907—By Causes.*

YEARS.	USE OF POWDER.						OTHER CAUSES.		ALL CAUSES.		
	Blasts—explosion.	Blasts—premature.	Blowout charges.	Powder explosions.	Flying coal, etc.	Totals—from powder, blasts, etc., other causes, all causes.	Falling coal, rock, etc., in mines.	Miscellaneous.	Blasts, powder, etc.	Falling coal, roofs, etc.	Miscellaneous.
1901.....	5.0	40.0	.....	15.0	40.0	100.00	72.2	27.8	20.2	57.6	22.2
1902.....	11.8	52.9	.....	17.6	17.7	100.00	67.1	32.9	17.2	55.5	27.3
1903.....	63.6	25	.....	6.8	4.6	100.00	70.5	29.5	28.2	50.6	21.2
1904.....	6.8	36.4	4.5	31.8	20.5	100.00	57.5	42.5	28.0	41.4	30.6
1905.....	68.3	2.4	8.5	9.8	11.0	100.00	68.4	31.6	41.2	40.2	18.6
1906.....	25.0	4.2	8.3	20.8	41.7	100.00	64.1	35.9	15.5	54.2	30.3
1907.....	4.2	4.2	45.8	41.6	4.2	100.00	59.6	40.4	14.6	50.9	34.5
Seven years.....	38.0	18.8	8.6	18.1	16.5	100.00	65.0	35.0	24.8	48.9	26.3

Table 82 shows in three classes the use of powder, falling coal, etc., and all other causes, both fatal and non-fatal accidents for the year, separately and combined, resulting from the use of powder; also both classes of accidents caused by falling coal, etc., and all other causes with percentages. There were 74 accidents in all resulting from the use of powder; 24, or 32.4 per cent were fatal and 50, or 67.6 per cent non-fatal.

Both fatal and non-fatal accidents from falling coal, etc., number 411. Of these, 84, or 20.4 per cent were fatal and 327, or 79.6 per cent non-fatal. The number included in all other causes was 316, of this number; 57, or 18 per cent were fatal and 259, or 82 per cent non-fatal. The total number of accidents, both fatal and non-fatal, was 801; fatal, 165, or 20.6 per cent; non-fatal, 636, or 79.4 per cent.

TABLE 82—*Fatal and Non-fatal Accidents Caused Primarily by Explosions with Percentages, Also by Falling Coal and Rock, and all Other Causes, with Percentages, 1907.*

CAUSES.	CASUALTIES.		PERCENTAGES OF—		All casualties.	Per-centages.
	Fatal.	Non-fatal.	Fatal.	Non-fatal.		
Blast explosions.....	1	8	4.2	16.0	9	12.2
Blasts, premature.....	1	4	4.2	8.0	5	6.7
Blown-out charges	11	4	45.8	8.0	15	20.3
Powder explosions	10	19	41.6	38.0	29	39.2
Flying coal	1	15	4.2	30.0	16	21.6
Totals.....	24	50	100.00	100.0	74	100.0
Falling coal and rock	84	327	59.6	55.8	411	56.5
All other causes	57	259	40.4	44.2	316	43.5
Totals.....	141	586	100.00	100.0	727	100.0
Grand totals.....	165	636	20.6	79.4	801	100.0

Table 83 shows for 25 years the record of fatal accidents from falling coal, rock, etc., and from all other causes with percentages for each year; also showing the total number of persons employed and the tons produced.

TABLE 83—*Fatal Accidents in Coal Mines, Caused by Falls in Mines and from all Other Causes; the Total Number of Men and Tons, with Percentages for twenty-five Years.*

YEARS.	Persons employed.	Total tons.	Total deaths.	CAUSES.		PERCENTAGE BY—	
				Falls.	Other causes.	Falls.	Other causes.
1883	23,939	12,123,456	134	40	94	19.9	70.1
1884	25,575	12,208,075	46	29	17	63.0	37.0
1885	25,436	11,834,459	39	20	19	51.3	48.7
1886	25,846	11,175,241	52	32	20	61.5	38.5
1887	26,804	12,423,066	41	28	13	68.3	31.7
1888	29,410	14,328,181	55	33	22	60.0	40.0
1889	30,075	14,017,298	42	26	16	61.9	38.1
1890	28,574	15,274,727	53	36	17	67.9	32.1
1891	32,951	15,660,698	60	33	27	55.0	45.0
1892	33,632	17,062,276	57	28	29	49.1	50.9
1893	35,390	19,949,564	69	48	21	69.6	30.4
1894	32,635	17,113,576	72	43	29	59.7	40.3
1895	31,962	17,735,864	75	38	37	50.7	49.3
1896	33,054	19,786,626	77	41	36	53.2	46.8
1897	33,788	20,072,758	69	46	23	66.7	33.3
1898	35,026	18,599,299	75	43	32	57.3	42.7
1899	36,991	23,434,445	84	51	33	60.7	39.3
1900	39,384	25,153,929	94	51	43	54.3	45.7
1901	44,143	26,635,319	99	57	42	57.6	42.4
1902	46,005	30,021,300	99	55	44	55.6	44.4
1903	49,814	34,955,400	156	76	80	48.7	51.3
1904	54,774	37,077,897	157	65	92	41.4	58.6
1905	59,230	37,183,374	199	80	119	40.2	59.8
1906	62,283	38,317,581	155	84	71	54.2	45.8
1907	66,714	47,798,621	165	84	81	50.9	49.1
Totals			2,224	1,167	1,057	52.8	47.5
Averages	37,737	21,997,733	89	47	42		

Table 84 gives the occupations and the per cent in each, also the conjugal relationship of the men killed. Fifty-two per cent of the killed were miners; these with drivers, laborers and shot firers comprise 78 per cent of the whole number. Of the conjugal relationship, 95, or 57.6 per cent were married men and 70, or 42.4 per cent unmarried; 95 wives were made widows and 312 children were left fatherless.

TABLE 84—*Occupation and Conjugal Relations of the Men Killed at the Mines for the Year 1907.*

OCCUPATION.	Total deaths.	Per-centage.	CONJUGAL RELATION.				
			Married.	Single.	Widows.	Children.	Dependents.
Cagers.....	3	1.82	3	.....	3	4	6
Carpenters.....	2	1.21	1	1	1	1	2
Drivers.....	20	12.12	5	15	5	8	13
Flagman.....	1	.61	.....	1	.....	.....	.....
Foremen.....	2	1.21	2	.....	2	10	12
Laborers.....	12	7.27	8	4	8	19	22
Machine helpers.....	3	1.82	2	1	2	6	8
Machine runners.....	4	2.42	2	2	2	6	8
Mine examiners.....	2	1.21	2	.....	2	2	4
Mine managers.....	3	1.82	2	1	2	4	3
Miners.....	85	51.52	51	34	51	157	184
Pumpmen.....	2	1.21	1	1	1	6	4
Sinkers.....	2	1.21	1	1	1	3	4
Shotfirers.....	12	7.27	9	3	9	32	29
Timbermen.....	5	3.03	2	3	2	.....	2
Trackmen.....	3	1.82	2	1	2	8	9
Trappers.....	3	1.82	2	1	2	7	2
Triprider.....	1	.61	.....	1	.....	.....	.....
Total.....	165	100.00	95	70	95	273	312

Table 85 shows the number of persons killed at coal mines in 20 states and countries for a series of ten years, 1897-1906. This table is taken from the "Engineering and Mining Journal," New York, published in December, 1907, and as prepared by Frederick L. Hoffman. Table 86 reduces the number killed to every 1,000 persons employed. These tables have been reproduced in the coal reports of this bureau from the same source for several years.

TABLE 85—*Number of Persons Killed by Accidents in Coal Mines of the United States and Canada—1897—1906.*

	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	10 years
Alabama.....	38	45	40	37	41	50	57	84	185	96	673
Colorado.....	35	24	41	29	55	73	40	89	59a	88	533
Illinois.....	69	75	84	94	99	99	156	157	199	155	1,187
Indiana.....	16	22	16	18	24	24	55	34	47	31	287
Indian Territory.....	22	17	25	40	44	60	33	30	44	39	354
Iowa.....	21	26	20	29	26	55	21	31	24	37	290
Kansas.....	6	17	16	22	26	27	36	16b	36	30	232
Kentucky.....	12	6	7	17	21	19	25	19	31	39	196
Maryland.....	5	4	5	7	12	11	13	12	13	7	89
Michigan.....			46	10	6	6	8	7	8	6	55
Missouri.....	8	9	14	10	15	10	17	11	11	c16	121
New Mexico.....	7	7	15	15	9	17	17	15	5	9	116
Ohio.....	40	52	57	68	72	81	114	118	131	127	860
Pennsylvania (anthr.).....	423	411	461	411	513	300	518	595	644	557	4,833
Pennsylvania (bit.).....	150	199	258	265	301	456	402	536	479	477	3,523
Tennessee.....	10	19	20	10	53	226	26	28	29	33	454
Utah.....	3	3		209	10	8	7	9	7	7	263
Washington.....	7	9	45	33	27	34	25	31	13	c13	237
West Virginia.....	62	90	89	141	130	120	159	140	194	268	1,397
British Columbia.....	6	7	11	17	102	139	42	37	12	15	388
Nova Scotia.....	7	7	19	21	14	19	31	19	20	28	185
Total deaths.....	947	1,049	1,247	1,503	1,600	1,834	1,802	2,018	2,191	2,078	16,273

a Underground only.

b Six months.

c Nine months.

TABLE 86—*Fatal Accidents in Coal Mining in the United States and Canada—1897—1906.*

	NUMBER OF PERSONS KILLED PER 1,000 EMPLOYED.										10 years
	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	
Alabama.....	3.07	4.55	3.10	2.59	2.90	2.79	2.94	4.71	10.74	5.23	4.36
Colorado.....	4.99	3.23	5.60	3.99	6.88	8.11	3.89	8.26	a4.96	7.32	5.86
Illinois.....	2.04	2.14	2.27	2.39	2.24	2.15	3.13	2.87	3.36	2.49	2.57
Indiana.....	2.00	2.63	2.07	1.82	1.98	1.83	3.64	2.70	2.53	1.61	2.30
Indian Ter.....	6.34	4.82	6.24	7.59	8.35	9.62	5.42	3.63	5.76	4.81	6.12
Iowa.....	2.45	3.38	2.49	2.22	1.97	4.23	1.59	1.90	1.36	2.20	2.28
Kansas.....	0.71	1.95	1.57	2.06	2.28	2.70	3.61	b3.09	2.97	2.95	2.39
Kentucky.....	1.55	0.67	0.83	2.06	2.14	1.58	1.85	1.37	2.06	2.33	1.71
Maryland.....	1.17	0.89	1.08	1.32	2.23	1.99	2.29	2.11	2.09	1.13	1.67
Michigan.....			b4.88	6.11	3.26	4.24	2.54	2.58	2.93	2.83	3.16
Missouri.....	1.22	1.22	1.80	1.31	1.63	1.09	1.85	1.47	1.06	c1.65	1.43
New Mexico.....	5.13	3.71	7.98	7.44	4.81	10.11	7.26	7.61	2.35	3.82	5.95
Ohio.....	1.39	1.77	2.03	2.14	2.15	2.16	2.75	2.57	2.96	2.73	2.35
Pennsylvania (anthr).....	2.83	2.89	3.28	2.86	3.47	2.03	3.41	3.69	3.83	3.35	3.18
Pennsylvania (bit).....	1.72	2.27	2.82	2.43	2.56	3.37	2.65	3.45	2.90	2.76	2.77
Tennessee.....	1.58	2.43	2.60	1.15	6.10	25.80	2.69	2.81	2.38	3.07	5.00
Utah.....	4.17	4.38		138.96	5.81	3.24	3.21	4.06	5.14	3.69	16.57
Washington.....	2.48	2.70	13.60	7.79	5.59	7.83	5.13	6.69	2.73	c2.52	5.60
West Virginia.....	2.89	3.86	3.55	5.03	4.01	3.78	4.03	3.08	4.24	4.98	4.03
British Columbia.....	2.47	2.34	2.91	4.22	25.67	34.65	9.85	8.31	2.72	3.12	9.91
Nova Scotia.....	1.35	1.56	3.39	3.17	1.83	2.36	2.79	1.63	1.86	2.31	2.22
Totals.....	2.34	2.59	2.98	3.24	3.24	3.49	3.14	3.37	3.44	3.16	3.14

a Underground only.

b Six months.

c Nine months.

NON-FATAL ACCIDENTS.

Table 87 presents by districts the non-fatal casualties in the coal mines of the State for the year. The number injured, so as to lose thirty or more days' time, was 636. This is 156, or 32.5 per cent, more than last year. By districts the number of tons mined to each man injured ranges from 24,512 tons in the second district to 279,112 tons in the ninth and 75,155 tons for the State.

TABLE 87—*Non-Fatal Accidents by Districts—1907.*

DISTRICTS.	Number of men injured.	INJURED.		NUMBER OF EMPLOYEES.			Total tons of coal mined.	Number of employees to one man injured.	Ratio per 1000.	Number of tons mined to each man injured.
		Under ground.	Above ground.	Under ground.	Above ground.	Total.				
First	100	95	5	6,301	649	6,950	3,198,049	70	14.4	31,980
Second	108	103	5	5,375	462	5,837	2,647,250	54	18.5	24,512
Third	9	8	1	3,592	365	3,957	2,213,592	440	2.3	245,955
Fourth	14	13	1	3,718	327	4,045	2,423,166	289	3.5	173,083
Fifth	94	92	2	4,381	290	4,671	3,317,053	50	20.1	35,288
Sixth	52	50	2	7,027	702	7,729	5,777,759	149	6.7	111,111
Seventh	113	112	1	7,015	812	7,827	6,718,859	69	14.4	59,459
Eighth	79	79	.....	8,438	905	9,343	8,145,200	118	8.5	103,104
Ninth	20	20	.....	6,285	949	7,234	5,582,245	361	2.8	279,112
Tenth	47	46	1	7,989	1,132	9,121	7,775,448	194	5.2	165,435
The State	636	618	18	60,121	6,593	66,714	47,798,621	105	9.5	75,155

Table 88 presents the same information for a series of 25 years. The number of men injured this year is greater than for any previous year since 1896. However, with the exception of the years 1903 and 1906, the number of tons produced this year to one man injured is greater than for any of the other years shown.

TABLE 88—*Non-Fatal Accidents for Twenty-five Years.*

Year.	Number of men injured.	Total number of employes.	Total number of tons of coal mined.	Number of employes to one man injured.	Rate per 1,000.	Number of tons of coal produced to one man injured.
1883.....	231	23,939	12,123,456	104	9.6	52,482
1884.....	197	25,575	12,208,075	130	7.7	61,970
1885.....	176	25,446	11,834,459	145	6.9	67,241
1886.....	171	25,846	11,175,231	151	6.6	66,126
1887.....	180	26,804	12,423,066	149	6.7	69,017
1888.....	179	29,410	14,328,181	164	6.1	80,046
1889.....	201	30,076	14,017,298	150	6.7	69,738
1890.....	294	28,574	15,274,727	97	10.3	51,955
1891.....	367	32,951	15,660,698	90	11.1	42,672
1892.....	370	33,632	17,062,276	91	11.0	46,114
1893.....	403	35,390	19,949,564	88	11.4	49,503
1894.....	521	32,635	17,113,576	63	16.0	32,848
1895.....	605	31,962	17,735,864	53	18.9	29,315
1896.....	672	33,054	19,786,626	49	20.3	29,444
1897.....	518	33,788	20,072,758	65	15.3	38,751
1898.....	438	35,026	18,599,299	80	12.5	42,464
1899.....	597	36,991	23,434,445	62	16.1	39,254
1900.....	611	39,384	25,153,939	65	15.5	41,168
1901.....	422	44,143	26,635,319	104.5	9.6	63,117
1902.....	406	46,005	30,021,300	127	8.8	73,944
1903.....	410	49,814	34,955,400	121	8.2	85,257
1904.....	507	54,774	37,077,897	108	9.3	73,132
1905.....	535	59,230	37,183,374	111	9.0	69,502
1906.....	480	62,283	38,317,581	130	7.7	79,828
1907.....	636	66,714	47,798,621	105	9.5	75,155
Average—25 years..	405	37,738	21,997,721	93.2	10.7	54,305

Table 89 presents the occupations in which the injured were engaged at the time the accident occurred. Of the number injured, 75.4 per cent were employed as miners and drivers. The first, second and seventh districts account for 50 per cent of the injured.

TABLE 89—*Non-Fatal Accidents, by Occupations, with Totals and Percentages, by Districts.*

OCCUPATION.	DISTRICTS.										Total.	Per- cent- ages.
	1st	2d	3d	4th	5th	6th	7th	8th	9th	10th		
1 Blacksmiths.....	1	1									2	0.3
2 Cagers.....		2				1	7	2		1	13	1.9
3 Car coupler.....							1				1	0.2
4 Car trimmers.....					1			1		1	3	0.5
5 Drivers.....	11	19	1		29	13	27	21	4	12	137	21.6
6 Engineer.....				1							1	0.2
7 Firemen.....	1						1				2	0.3
8 Foremen.....							1			1	2	0.3
9 Laborers.....	5	12			4	4	5		2	5	37	5.8
10 Loaders.....							13	2		2	17	2.7
11 Machine helpers.....							6	3			9	1.4
12 Machine runners.....					1	1	1	2		1	6	0.9
13 Mine examiners.....							1		1		2	0.3
14 Mine managers.....					1	1					2	0.3
15 Miners.....	76	71	8	12	49	19	41	37	8	21	342	53.8
16 Motormen.....							1		1	1	3	0.5
17 Shotfirers.....				1	7	4	3	6	4	1	26	4.1
18 Spraggers.....		1				1		2			4	0.6
19 Timbermen.....	2	2			1	3	2				10	1.6
20 Trackmen.....	3					1	1	2		1	8	1.3
21 Trappers.....					1	3	2	1			7	1.1
22 Weighmen.....	1				1						2	0.3
Totals.....	100	108	9	14	94	52	113	79	20	47	636	.....
Percentage.....	15.7	17.0	1.4	2.2	14.8	8.2	17.8	12.4	3.1	7.4	.....	100.0

CONJUGAL RELATIONSHIP OF THE INJURED AND TIME LOST

Table 90 shows by districts the conjugal relations of the injured, also the days lost time incident thereto. The time lost, as here computed, averages 54.7 days. This, however, is for 535 men; leaving 101 men, some of whom were not reported, others had not recovered and still others had removed to other localities and the lost time could not be ascertained. Of the whole number, 56.8 per cent, were married and 43.2 per cent single.

The dependents numbered 1,158, of whom 823 were children, with a loss of employment to the injured of over two months' working time, and with contingent expenses and cost of living; also much privation and want consequently ensuing to many of these families.

TABLE 90—*Non-Fatal Accidents, Conjugal Relations of the Injured, Dependents, Time Lost—by Districts.*

Districts.	Total injured.	Married.	Single.	Children.	Dependents.	Number recovered and losing time.	Total days lost.	Average days lost.
First.....	100	67	33	145	202	92	5,215	56.7
Second.....	108	71	37	192	264	73	3,635	49.8
Third.....	9	2	7	5	8	7	403	57.6
Fourth.....	14	8	6	21	26	13	846	65.1
Fifth.....	94	49	45	87	132	84	4,024	47.9
Sixth.....	52	27	25	55	80	45	2,878	64.0
Seventh.....	113	55	58	122	175	98	5,689	58.1
Eighth.....	79	40	39	99	139	65	3,648	56.1
Ninth.....	20	10	10	28	31	14	652	46.6
Tenth.....	47	32	15	69	101	44	2,289	52.0
The State....	636	361	275	823	1,158	535	29,279	54.7

TABLE 91—*Non-Fatal Accidents by Causes, for 1907, by Districts, with Totals and Percentages.*

[illegible]

Table 91—Concluded.

CLASSIFICATION OF CAUSES.	DISTRICTS.										The State	Per-cent-ages.
	1st	2d	3d	4th	5th	6th	7th	8th	9th	10th		
32 Powder explosions.....	1					5	4	3	3		16	2.51
33 Premature blasts.....				3				1			4	0.63
34 Railroad cars.....	1		1		1		1			1	5	0.78
35 Shaker screen.....	1										1	0.16
36 Steam ram.....		1									1	0.16
37 Tail chain.....	1										1	0.16
38 Thrown down.....							1				1	0.16
39 Water and steam.....				1							1	0.16
40 Water tank.....		1									1	0.16
41 Not reported.....			1								1	0.16
Totals.....	100	108	9	14	94	52	113	79	20	47	636	100.0
Percentages.....	15.72	17.00	1.41	2.20	14.78	8.17	17.77	12.42	3.14	7.34	100.00	.....

Table 92 presents the non-fatal accidents reduced to three classes of causes: From the use of powder, falling coal, etc., and miscellaneous. This table conforms in every respect to table 80 of fatal accidents and the same record is shown for the six previous years. Here is shown that only 50, or 7.9 per cent, of the non-fatal accidents were traced to the use of powder, while 327, or 51.4 per cent were caused by falling coal, etc., and 259, or 40.7 per cent, from various other causes.

TABLE 92—*Non-Fatal Accidents Caused Primarily by Explosions, Falling Coal, Rocks, etc., and by Other Causes, by Districts, for the Year 1907, and for the Six Preceding Years.*

DISTRICTS AND YEARS.	CAUSES—USE OF POWDER.					Total from use of powder.	OTHER CAUSES.		Total from other causes.	Total from all causes.
	Blast ex- plosions.	Blast pre- mature.	Blown out charges.	Powder ex- plosions.	Flying coal.		Falling coal, rock, etc.	Miscellaneous.		
First				1	4	5	66	29	95	100
Second			3			3	69	36	105	108
Third							7	2	9	9
Fourth		3			2	5	7	2	9	14
Fifth	1		2		2	5	46	*43	89	94
Sixth	3			5		8	17	†27	44	52
Seventh			2	4		6	52	‡55	107	113
Eighth		1		3	6	10	35	34	69	79
Ninth	2			3	1	6	8	6	14	20
Tenth	2					2	20	\$25	45	47
1907.	8	4	7	16	15	50	327	259	586	636
1906.	7	1	6	9	9	32	253	†195	448	480
1905.	13	3	6	15	13	50	269	‡216	485	535
1904.	6	5	2	29	12	54	264	**189	453	507
1903.	13	3	12	7	12	47	164	††199	363	410
1902.	15	1	1	6	5	28	198	††180	378	406
1901.		11	2	5	9	27	233	§§162	395	422
Seven years	62	28	36	87	75	288	1,708	||1,400	3,108	3,396

* Four gas explosions, two gasoline explosions.

† One gas explosion.

‡ Two gas explosions.

§ Two gas explosions.

|| Six gas explosions, one dynamite explosion.

¶ Three gas explosions.

** Three gas explosions, three fire damp.

†† Five gas explosions.

‡‡ Two gas explosions.

§§ Three gas explosions.

||| Thirty-two gas explosions; three fire damp; two gasoline explosions; one dynamite.

Table 93 presents the percentages of the numbers shown in table 92. The non-fatal accidents for the past seven years number 3,396. Of this number 288, or 8.5 per cent, resulted from the use of powder; 1,708, or 50.3 per cent, came from falling coal, etc., in the mines and 1,400, or 41.2 per cent from the various other causes.

TABLE 93—*Non-Fatal Accidents Caused Primarily by the Use of Powder, Falling Coal and Other Causes.*

YEARS.	PERCENTAGES—									
	CAUSES—USE OF POWDER.					Total from powder, other causes and all causes.	OTHER CAUSES		TOTALS.	
	Blast explo- sions.	Blasts, pre- mature.	Blown out charges.	Powder ex- plosions.	Flying coal.		Falling clod, coal, rock.	Miscellaneous	Use of pow- der.	Other causes.
1907	16.00	8.00	14.00	32.00	30.00	100.00	55.80	44.20	7.86	92.14
1906	21.88	3.13	18.75	28.12	28.12	100.00	56.47	43.53	6.67	93.33
1905	26.00	6.00	12.00	30.00	26.00	100.00	55.46	44.54	9.51	90.49
1904	11.11	9.26	3.70	53.71	22.22	100.00	58.28	41.72	10.65	89.35
1903	27.66	6.38	25.53	14.90	25.53	100.00	45.18	54.82	11.46	88.54
1902	53.77	3.57	3.57	21.43	17.86	100.00	52.38	47.62	6.90	93.10
1901 .....	.....	40.74	7.41	18.52	33.33	100.00	58.99	41.01	6.40	93.60
Seven years	21.5	9.7	12.5	30.2	26.1	100.00	55.0	45.0	8.5	91.5

Table 94 presents the non-fatal accidents caused by falling roof and sides and from all other causes for 25 years. The two last columns of the table give the percentages for each year. With the exception of the two years, 1902-3, falls in the mines was the leading cause of all this class of accidents. For the 25 years, 56.6 per cent was from this cause and 43.4 per cent from all other causes.

TABLE 94—*Non-Fatal Accidents from Falling Roof and Sides, and Other Causes, with Percentages Caused by Falling Roof—25 Years.*

YEARS.	NON-FATAL ACCIDENTS.			PERCENTAGES—	
	Total.	Falling roof and sides.	All other causes.	Caused by falling roof or sides.	All other causes.
1883	231	130	101	56.28	43.72
1884	197	135	62	68.53	31.47
1885	176	118	58	67.00	33.00
1886	171	109	62	63.74	36.26
1887	180	124	56	68.88	31.12
1888	179	112	67	62.58	37.42
1889	201	129	72	64.17	35.83
1890	294	196	98	66.66	33.34
1891	367	227	140	61.85	38.15
1892	370	234	136	63.25	36.75
1893	403	254	149	63.03	36.97
1894	521	294	227	56.43	43.57
1895	605	338	267	55.87	44.13
1896	672	373	299	55.51	44.49
1897	518	310	208	59.85	40.15
1898	438	252	186	60.87	39.13
1899	597	335	262	56.12	43.88
1900	611	323	288	52.86	47.94
1901	422	233	189	55.21	44.79
1902	406	198	208	48.77	51.23
1903	410	190	220	46.34	53.66
1904	507	264	243	52.07	47.93
1905	535	271	264	50.66	49.34
1906	480	253	227	52.71	47.29
1907	636	327	309	51.42	48.58
Totals	10,127	5,729	4,398	56.57	43.43

Table 95 presents for 25 years both the number killed and the number injured, with the percentages of both caused by falling roof, etc., in the mines.

TABLE 95—*Total Number Killed and Injured, with Percentages of all Accidents Caused by Falling Roof or Sides for Twenty-five Years.*

YEARS.	NUMBER.			PER CENT BY FALLING ROOF AND SIDES.		
	Killed.	Injured.	Total	Killed.	Injured.	Total.
1883.....	134	231	365	30	56.28	47.7
1884.....	46	197	243	56.5	68.53	66.25
1885.....	39	176	215	51.3	67	64.18
1886.....	52	171	223	61.5	63.74	63.23
1887.....	41	180	221	68.3	68.88	68.77
1888.....	55	179	234	60	62.58	61.97
1889.....	42	201	243	61.9	64.17	63.78
1890.....	53	294	347	67.9	66.66	66.86
1891.....	60	367	427	55	61.85	60.88
1892.....	57	370	427	49.1	63.25	61.36
1893.....	69	403	472	69.6	63.03	63.98
1894.....	72	521	593	58.3	56.43	56.82
1895.....	75	605	680	50.7	55.87	55.59
1896.....	77	672	749	53.3	55.51	55.27
1897.....	69	518	587	66.7	59.85	60.65
1898.....	75	438	513	57.33	60.87	60.34
1899.....	84	597	681	60.71	56.12	56.68
1900.....	94	611	705	54.3	52.86	53.1
1901.....	99	422	521	56.43	55.21	55.45
1902.....	99	406	505	55.55	48.77	50.1
1903.....	156	410	566	50.64	46.34	47.53
1904.....	157	507	664	49.68	52.07	51.51
1905.....	199	535	734	40.20	50.64	47.82
1906.....	155	480	635	54.2	52.7	53.07
1907.....	165	636	801	50.91	51.42	51.31
Twenty-five years.....	2,224	10,127	12,351	52.48	56.57	55.83

Table 96 shows by percentages for 25 years the increase in men employed, tons produced, the number killed and the number injured.

TABLE 96—Percentages of Increase and Decrease from Year to Year of Men Employed, Tons Produced, Men Killed and Men Injured for a Series of Twenty-five Years.

YEAR.	MEN EMPLOYED.		TONS PRODUCED.		KILLED.		INJURED.	
	Increase.	De-crease.	Increase.	De-crease.	Increase.	De-crease.	Increase.	De-crease.
1883 to 1884.....	6.83		0.7			65.67		14.72
1885.....		0.5		3.06		15.22		10.66
1886.....	1.57			5.57	33.33			2.84
1887.....	3.71		11.17			21.15	5.26	
1888.....	9.72		15.34		34.15			0.56
1889.....	2.26			2.17		23.64	12.29	
1890.....		5.00	8.97		26.2		46.27	
1891.....	15.31		2.53		13.2		24.83	
1892.....	2.07		8.95			5.00	0.82	
1893.....	5.23		16.91		21.05		8.92	
1894.....		7.78		14.22	4.35		29.28	
1895.....		2.06	3.64		4.17		16.12	
1896.....	3.42		11.56		2.67		11.07	
1897.....	2.22		1.45			10.4		8.04
1898.....	3.66			7.34	8.7			15.44
1899.....	5.61		26.00		12.00		36.3	
1900.....	6.47		7.34		1.19		2.35	
1901.....	12.1		5.88		7.4			30.9
1902.....	4.21		12.71		7.4			3.8
1903.....	8.28		16.44		57.58		0.99	
1904.....	1.00		6.07		0.64		23.66	
1905.....	8.14		0.28		26.75		5.52	
1906.....	5.15		3.05			22.11		10.28
1907.....	7.11		21.74		6.45		32.50	
25 years.....	178.68		294.27		23.14		175.32	

PHYSICAL CHARACTERISTICS OF THE COAL MINES IN ILLINOIS.

Table 97 presents the physical characteristics of the coal mines of the State, also the total tonnage of each mine. The table is arranged by counties, alphabetically.

BOND COUNTY.

[illegible]

BROWN COUNTY.

1	John Hall	Ripley	1	30	2.0	Dr.	Hd.	P.-R.	Hand	Hand	230
2	Ned. Six	Mt. Sterling..	1	30	2.0	do	do	do	do	do	150
	Total—2 mines										<hr/> 380

BUREAU COUNTY.

[illegible]

TABLE 97—*Physical Characteristics of Coal Mines, 1907*—Continued.

CALHOUN COUNTY.

Number.	Name of Operator.	Postoffice address of mine.	Geological number of seam.		Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
1	Calhoun Brick & Clay Co ...	Golden Eagle.	1	60	2.4	Dr.	Ho.	P.-R.	Hand	Hand		4,450

CASS COUNTY.

1	William Shore	Chandlerville..	2	64	2.6	Sh.	Ho.	P.-R.	Hand	Hand		825
2	Charles Nelson.....	..do.....	2	64	2.6	do.	do.	..do.	..do.	..do.		800
Total—2 mines												1,625

CHRISTIAN COUNTY.

1	Christian County Coal Co...	Taylorville....	6	470	7.6	Sh.	St.	P.-R.	Mule.	Hand		224,677
2	Pana Coal Co.....	Pana	6	720	7.6	do.	do.	..do.	M. M.	..do.		208,360
3	Pana Coal Co.....	..do.....	6	720	7.6	do.	do.	..do.	..do.	..do.		190,405
4	Springfield Coal Co	Taylorville....	6	460	7.6	do.	do.	..do.	..do.	..do.		169,110
5	Penwell Coal Co.....	Pana	6	720	7.6	do.	do.	..do.	..do.	..do.		165,176
6	Smith-Lohr Coal Co.....	..do.....	6	720	7.6	do.	do.	..do.	..do.	..do.		107,700
7	Stonington Coal Co	Stonington ...	5	481	8.0	do.	do.	..do.	..do.	Mach		86,179
8	Assumption Coal Co	Assumption....	1	1003	3.6	do.	do.	L. W.	M. M.	Hand		83,959
Total—8 mines												1,235,566

CLINTON COUNTY.

1	Breese-Trenton Mining Co..	Breese	6	400	8.0	Sh.	St.	P.-R.	M. E.	Hand		275,591
2	Southern Coal Co	New Baden ...	6	324	8.0	do.	do.	..do.	..do.	Mach		226,778
3	Breese-Trenton Mining Co..	Beckemeyer....						..do.	Mule.	Hand		212,769
4	Trenton Coal Co.....	Trenton	7	235	7.0	Sh.	St.	P.-R.	M. E.	Mach		190,894
5	Consolidated Coal Co.....	Breese	6	400	8.0	do.	do.	..do.	..do.	Hand		99,027
6	Coöperative Coal Co .....	..do.....	6	392	7.6	do.	do.	..do.	Mule.	..do.		37,798
7	Southern Coal Co	Germantown..	6	342	5.0	do.	do.	..do.	..do.	Mach		18,553
Total—7 mines												1,061,410

EDGAR COUNTY.

1	John Wellman	Paris, R. R. 10	6	70	5.0	Sh.	Ho.	P.-R.	Mule.	Hand		790
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TABLE 97—Physical Characteristics of Coal Mines, 1907—Continued.

FRANKLIN COUNTY.

Number.	Name of Operator.	Postoffice address of mine.	Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—band, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
1	Zeigler Coal Co.....	Zeigler.....	7	505	12.2	Sh.	St.	P-R.	M. E.	Mach	321, 285
2	Dering Coal Co.....	W. Frankfort.	6	500	9.0	do.	do.	do.	Mule.	do.	279, 397
3	Benton Coal Co.....	Benton.....	6	630	9.0	do.	do.	do.	do.	do.	140, 353
4	Zeigler District Colliery Co.	Christopher....	6	517	10.0	do.	do.	do.	do.	M. H.	44, 215
5	United Coal Co.....	do.....	6	500	9.7	do.	do.	do.	do.	Hand	30, 944
6	Big Mud. & Carterville C. Co.	Mulkeytown....	6	214	8.9	do.	do.	do.	do.	do.	27, 731
7	Sesser Coal & Constructn Co	Sesser.....				do.	do.	do.	do.	do.	15, 520
8	W. P. Rend Coal Co.....	Benton.....				do.	do.	do.	do.	do.	3, 720
Total—8 mines											863, 165

FULTON COUNTY.

1	Big Creek Coal Co.....	St. David.....	5	45	5.0	Dr.	St.	P-R.	Mot'r	Hd...	261, 490
2	Maplewood Colliery Co.....	Farmington.....	5	92	4.4	Sh.	do.	do.	M. C.	do.	216, 221
3	Monmouth Coal Co.....	Brereton.....	5	90	4.6	do.	do.	do.	Mot'r	do.	215, 832
4	Maplewood Coal Co.....	Farmington.....	5	85	4.4	do.	do.	do.	Mule	do.	167, 448
5	Canton Coal Co.....	Canton.....	5	75	5.0	do.	do.	do.	do.	do.	162, 363
6	Whitebreast Fuel Co.....	Dunfermline....	5	90	5.0	do.	do.	do.	C. M.	do.	144, 527
7	Morris Coal Mining Co.....	Norris.....	5	185	4.6	do.	do.	do.	Mule	do.	134, 279
8	Big Creek Coal Co.....	Cuba.....	5	50	5.0	do.	do.	do.	do.	do.	110, 760
9	Star Coal Co.....	do.....	5	60	5.0	Sl.	do.	do.	do.	do.	80, 496
10	Applegate & Lewis Coal Co.	do.....	5	90	5.0	Sh.	do.	do.	M. C.	do.	78, 188
11	Eagle Mining Co.....	Canton.....	5	100	5.0	do.	do.	do.	Mule	do.	70, 455
12	Newsam Brothers.....	Farmington.....	5	90	4.4	do.	do.	do.	Mot'r	do.	66, 589
13	East Cuba Coal Mining Co...	Cuba.....	5	85	5.0	do.	do.	do.	Cable	do.	46, 923
14	Monarch Coal Mining Co.....	Farmington.....	5	82	4.4	do.	do.	do.	Mule	do.	28, 857
15	Big Creek Coal Co.....	Dunfermline....	5	90	5.0	do.	do.	do.	M-M	do.	28, 135
16	Astoria Woodland Coal Co...	Astoria.....	5	60	6.0	do.	do.	do.	Mule.	do.	25, 692
17	W. D. Myers.....	St. David.....	5	90	5.0	do.	do.	do.	do.	do.	22, 883
18	Spoon River Coal Co.....	Ellisville.....	4	40	do.	do.	do.	do.	do.	do.	22, 797
19	Farmington Coal Co.....	Farmington.....	5	145	4.4	do.	do.	do.	do.	do.	20, 192
20	Whitebreast Fuel Co.....	St. David.....	5	90	5.0	do.	do.	do.	do.	do.	12, 891
21	J. R. Riley.....	Breeds.....	5	60	4.6	Dr.	do.	do.	do.	do.	8, 360
22	James Yocum.....	Lewistown.....	5	60	2.6	Sh.	Ho.	do.	Hand	Hand	7, 200
23	Galesburg Union Supply Co	Parryville.....	5	40	4.0	Dr.	Mu	do.	do.	do.	5, 954
24	Essex & Fritz Coal M. Co...	do.....	5	40	4.0	do.	do.	do.	do.	do.	5, 642
25	Crescent Coal Co.....	Breeds.....	5	50	4.6	Dr.	do.	do.	do.	do.	4, 141
26	W. C. Anderson.....	Canton.....	5	24	5.0	Sh.	Ho.	do.	Hand	do.	4, 000
27	George Westerby.....	Farmington.....	5	125	4.4	do.	St.	do.	do.	do.	4, 000
28	John Kimmon.....	Ipava.....	5	20	6.0	Sl.	Ho.	do.	do.	do.	3, 350
29	Joseph McLaughlin.....	Canton R. R. 8.	5	6	5.0	do.	do.	do.	do.	do.	2, 900
30	C. W. Westfield.....	Canton.....	5	120	5.0	Sh.	St.	do.	do.	do.	2, 680
31	C. McBroon.....	do.....	5	16	5.0	do.	do.	do.	do.	do.	2, 500
32	J. M. Davis.....	Vermont.....	2	10	2.6	do.	Ho.	do.	do.	do.	2, 024
33	Emberling Coal Co.....	Ellisville.....	1	45	3.0	do.	St.	do.	do.	do.	2, 000
34	Standard Co-operative Co...	Canton.....	5	68	6.0	do.	do.	do.	Mule	do.	1, 736
35	P. J. Tingley.....	Vermont.....	5	27	2.6	do.	Ho.	do.	do.	do.	1, 260
36	Henry Vice.....	Fairview.....	40	5.0	Dr.	Hd.	do.	do.	do.	do.	1, 240
37	Eli Clemens.....	Ipava.....	5	35	6.0	do.	do.	do.	do.	do.	1, 200
38	T. Ewing.....	Astoria.....	5	30	6.0	Sh.	Ho.	do.	do.	do.	1, 040
39	Ed. Wages.....	Canton.....	5	10	5.0	Sl.	Mu	do.	do.	do.	988
40	C. A. Frazell.....	Farmington.....	6	56	6.0	Sh.	St.	do.	do.	do.	900
41	A. J. Gunnett.....	Fairview.....	5	40	5.0	Dr.	Hd.	do.	do.	do.	821
42	L. D. Haggins.....	Canton.....	5	50	5.0	do.	Ho.	do.	do.	do.	800
43	A. L. Cooper.....	Marietta.....	1	30	2.6	do.	Hd.	do.	do.	do.	800
44	W. H. Murphy.....	Canton.....				do.	do.	do.	do.	do.	745
45	W. Whittle.....	Fairview.....	5	45	5.0	Dr.	Hd.	P-R.	Hand	Hand	640
46	Mordeca Morris.....	Fiatt.....	5	50	5.0	do.	Ho.	do.	do.	do.	618
47	James Mey.....	Lewistown.....	2	40	2.6	Sh.	Ho.	do.	do.	do.	608

FULTON COUNTY— *Concluded*[illegible]

GALLATIN COUNTY.

1	Gallatin Coal & Coke Co.	Equality	6	80	4.8	Sh.	St.	P-R.	Cable	Hand	67,783
2	J. E. Dempsey.	do.	6	20	4.6	Dr.	Ho.	do.	Mule	do.	9,177
3	Josh Anderson.	do.	6	30	4.0	Sl.	Ca.	do.	do.	do.	4,000
4	W. H. McLain.	do.	6	20	4.0	do.	Mu.	do.	do.	do.	3,840
5	J. Baldwin	do.	6	38	4.0	Sh.	St.	do.	do.	do.	1,350
6	Vandell Mining & Coke Co.	do.	6	30	4.6	do.	do.	do.	do.	do.	1,145
7	R. J. Mitchell	Junction	6	30	4.0	Sl.	Ho.	do.	do.	do.	900
8	Wm. Shoar	do.	6	20	4.0	Dr.	do.	do.	do.	do.	440
9	V. W. Craig	Saline.	6	30	4.0	do.	do.	do.	do.	do.	225
10	J. L. Reid.	do.	6	20	4.0	do.	do.	do.	do.	do.	48
Total—10 mines.											88,908

GREENE COUNTY.

[illegible]

TABLE 97—Physical Characteristics of Coal Mines, 1907—Continued.

HENRY COUNTY—*Concluded.*[illegible]

JACKSON COUNTY.

[illegible]

JERSEY COUNTY.

[illegible]

TABLE 97—Physical Characteristics of Coal Mines, 1907—Continued.

JOHNSON COUNTY.

Number.	Name of Operator.	Postoffice address of mine.	Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
1	J. W. Tyler & Heton, Jr....	New Burnside	2	20	3.4	Sl.	Ho.	P-R.	Mule.	Hand	1,600
2	Edward White	do.	2	20	3.4	Dr.	do.	do.	do.	do.	1,300
Total 2 mines											2,900

KANKAKEE COUNTY.

1	Consolidated Coal & Iron Co	Clarke City....	7	108	4.8	Sh.	St.	P-R.	Mule.	Hand	37,828
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KNOX COUNTY.

1	Galva Coal Co	Wataga	6	70	4.0	Sh.	St.	P-R.	Hand	Hand	9,600
2	Pendergast Bros	Galesburg	1	120	4.6	do.	do.	do.	do.	do.	7,488
3	Rodell & Mitchell	Wataga	6	52	4.0	do.	Ho.	do.	do.	do.	6,713
4	Bowman Bros	Yates City	5	100	3.0	do.	St.	do.	do.	do.	4,070
5	Matson Bros	Victoria	6	25	4.0	do.	Ho.	do.	do.	do.	3,900
6	George Clifford	Oneida	6	30	4.0	Sl.	do.	do.	do.	do.	3,656
7	Terrence McGovern	do.	6	...	4.0	Dr.	Hd.	do.	do.	do.	2,700
8	T. H. Milan	Soperville	1	100	4.0	Sh.	St.	do.	do.	do.	2,642
9	N. C. Anderson	Knoxville	3	...	3.0	Dr.	Hd.	do.	do.	do.	2,452
10	Jesse Hillier	Rapatee	5	...	3.8	do.	do.	do.	do.	do.	2,400
11	Albert Walberg	Knoxville	3	45	3.0	Sh.	Ho.	do.	do.	do.	2,360
12	Simpson Bros	Oneida	5	16	4.0	Sl.	Ho.	do.	do.	do.	2,169
13	S. G. McGovern	do.	6	40	4.0	Sh.	do.	do.	do.	do.	2,135
14	Louis Nodine & Son	Wataga	6	20	4.0	Sl.	do.	do.	do.	do.	1,540
15	D. I. Foster	Rapatee	5	...	3.8	Dr.	Hd.	do.	do.	do.	1,500
16	P. A. Lindsey	Middle City	5	...	3.8	do.	do.	do.	do.	do.	1,500
17	John Welch	Victoria	6	...	4.0	do.	do.	do.	do.	do.	1,500
18	Sam Nelson	Abingdon	2	10	2.0	Sl.	do.	do.	do.	do.	1,350
19	Ben Thorn	Etherley	6	10	4.0	do.	do.	do.	do.	do.	1,200
20	P. Lundeen & Son	Knoxville	3	37	3.0	Sh.	do.	do.	do.	do.	1,128
21	John Robinson	Victoria	6	24	4.0	do.	Ho.	do.	do.	do.	1,020
22	E. Montgomery	Yates City	5	...	3.0	Dr.	Hd.	do.	do.	do.	1,000
23	Pointer & Cross	Abingdon	2	...	2.0	do.	do.	do.	do.	do.	1,000
24	Wm. Courson	do.	2	...	2.0	do.	do.	do.	do.	do.	700
25	Geo. Quinn	do.	2	...	2.0	do.	do.	do.	do.	do.	600
26	Ed Peterson	Etherley	6	10	4.0	Sl.	Ho.	do.	do.	do.	552
27	Chas. Gladfelter & Co	Victoria	6	10	4.0	do.	do.	do.	do.	do.	531
28	James Nelson	Knoxville	3	40	3.0	Sh.	do.	do.	do.	do.	528
29	H. E. Bonney	Abingdon	2	...	2.0	Dr.	Hd.	do.	do.	do.	500
30	Thos. Watson	Yates City	5	10	3.0	Sl.	Ho.	do.	do.	do.	460
31	John Myers	Etherley	6	...	4.0	Dr.	Hd.	do.	do.	do.	450
32	John Todd	Victoria	6	...	4.0	do.	do.	do.	do.	do.	400
33	Frank Brown	Knoxville	3	...	3.0	do.	do.	do.	do.	do.	400
34	Arthur Sloan	Etherley	6	...	4.0	do.	do.	do.	do.	do.	381
35	Chas. Morgan	Oneida	6	10	4.0	Sl.	Ho.	do.	do.	do.	350
36	Louis Larson	Victoria	6	...	4.0	Dr.	Hd.	do.	do.	do.	330
37	Menfro Morse	Middle Grove	5	...	3.8	do.	do.	do.	do.	do.	300
38	John Fox & Co	Etherley	6	65	4.0	Sh.	do.	do.	do.	do.	225
39	Milton Poole	Abingdon	2	...	2.0	do.	do.	do.	do.	do.	225
40	Wm. Fisk	Dahinda	6	...	4.0	Dr.	do.	do.	do.	do.	210
41	Wm. Nelsen	Victoria	6	...	4.0	do.	do.	do.	do.	do.	150
42	P. A. Switzer	Wataga	6	...	4.0	do.	do.	do.	do.	do.	150
Total—42 mines											72,495

TABLE 97—Physical Characteristics of Coal Mines, 1907—Continued.

MARSHALL COUNTY.

Number.	Name of Operator.	Postoffice address of mine.	Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
1	Devlin Coal Co.	Toluca.	2	512 2.10	Sh.	St.	L. W.	Mot'r	Hd.		329, 015
2	Wenona Coal Co.	Wenona.	2	555 3.0	do.	do.	do.	Cable	do.		109, 677
3	Marquette 3d. V. Coal Co.	Sparland.	2	164 2.7	do.	do.	do.	Mule.	do.		21, 686
4	Lacon Coal Co.	do.	2	80 3.6	Dr.	Ho.	P.-R.	do.	do.		4, 541
5	Frank A. Barr.	do.	2	60 4.0	do.	Ha.	do.	do.	do.		3, 200
6	R. H. Ingram	do.	2	60 4.0	do.	do.	do.	do.	do.		970
7	O. W. McLaughlin	do.	2	70 4.0	do.	do.	do.	do.	do.		640
8	Wm. Bough	Henry	2	60 4.0	do.	do.	do.	do.	do.		620
9	W. E. Frisby	Sparland.	2	60 4.0	do.	do.	do.	do.	do.		410
10	William Lopman	Henry	2	60 4.0	do.	do.	do.	do.	do.		410
11	H. Pittet	Sparland	2	60 4.0	do.	do.	do.	do.	do.		230
12	Louis Nighswonger	do.	2	60 4.0	do.	do.	do.	do.	do.		210
13	W. Harrock & Son.	Henry	2	60 4.0	do.	do.	do.	do.	do.		126
Total—13 mines.											471, 725

McDONOUGH COUNTY.

1	Birney Coal Co.	Colchester.	2	80 2.6	Sh.	St.	P.-R.	Hand	Hand	19, 573
2	John Wilson.	do.	2	35 2.6	do.	Ho.	do.	do.	do.	3, 688
3	Ralph Oldham.	do.	2	95 2.6	do.	St.	do.	do.	do.	2, 224
4	Sam Oldham.	do.	2	76 2.4	Dr.	Hd.	do.	do.	do.	1, 832
5	W. H. Robinson.	do.	2	58 2.6	Sh.	St.	do.	do.	do.	1, 241
6	George Hume.	do.	2	36 2.6	Dr.	Hd.	do.	do.	do.	1, 204
7	Amos Atkinson.	do.	2	40 2.4	do.	do.	do.	do.	do.	1, 012
8	John Berry.	do.	2	28 2.6	Sh.	Ho.	do.	do.	do.	1, 000
9	Charles Sweeney.	Vermont.	2	50 2.4	Sl.	do.	do.	do.	do.	932
10	Fred Curtis.	Macomb.	2	32 2.6	Sh.	do.	do.	do.	do.	888
11	Geo. W. Avery.	Industry.	2	40 2.4	Sl.	Hd.	do.	do.	do.	800
12	T. E. Wilson.	Blandenville.	2	35 2.6	Sh.	St.	do.	do.	do.	720
13	C. H. Price.	Macomb R. R. No. 6.	2	35 2.6	Dr.	Hd.	do.	do.	do.	720
14	Walter Upham.	Colchester.	2	36 2.6	do.	do.	do.	do.	do.	635
15	Fox Bros.	do.	2	40 2.6	do.	do.	do.	do.	do.	567
16	Phillip M. Jennings.	Industry.	2	45 2.4	do.	do.	do.	do.	do.	565
17	Joseph W. Harpe.	Colchester.	2	35 2.6	do.	do.	do.	do.	do.	437
18	Joseph Bunt.	do.	2	6 2.6	Sl.	Hd.	do.	do.	do.	412
19	Alla Vawter.	do.	2	40 2.4	Dr.	do.	do.	do.	do.	408
20	Russell & Moon.	Tennessee.	2	50 2.6	Sh.	Ho.	do.	do.	do.	400
21	Rippetoe & Rundle.	Colchester.	2	70 2.6	Sh.	St.	do.	do.	do.	400
22	Wm. Jones.	do.	2	55 2.4	Dr.	Hd.	do.	do.	do.	392
23	R. H. Laity.	do.	2	30 2.6	do.	do.	do.	do.	do.	385
24	W. L. Stoneking.	Birmingham.	2	30 2.6	do.	do.	do.	do.	do.	376
25	Wm. Eddington.	Macomb.	2	24 2.4	Sh.	Ho.	do.	do.	do.	360
26	Lewis Lewis.	Colchester.	2	52 2.6	do.	do.	do.	do.	do.	353
27	Cal Wayland.	do.	2	30 2.6	Dr.	Hd.	do.	do.	do.	320
28	George McIntire.	Industry.	2	60 2.6	do.	do.	do.	do.	do.	320
29	T. L. Bowman.	do.	2	40 2.4	do.	do.	do.	do.	do.	298
30	John R. Betson.	Tennessee.	2	30 2.6	do.	do.	do.	do.	do.	280
31	Waddell Bros.	do.	2	30 2.6	do.	do.	do.	do.	do.	280
32	Eli Hillard.	Colchester.	2	45 2.6	do.	Dr.	do.	do.	do.	280
33	Arlando Williams.	do.	2	40 2.6	do.	Hd.	do.	do.	do.	260
34	Andrew Swanson.	do.	2	36 2.6	do.	do.	do.	do.	do.	240
35	Wm. Kipling.	Colchester R. No. 7.	2	40 2.6	do.	do.	do.	do.	do.	240
36	John O. Thompson.	Macomb.	2	35 2.4	do.	do.	do.	do.	do.	240
37	Antone Lakasick.	Colchester.	2	40 2.6	do.	do.	do.	do.	do.	216
38	S. M. McCord.	do.	2	30 2.6	do.	do.	do.	do.	do.	213
39	Hulson & Ripling.	do.	2	35 2.6	do.	do.	do.	do.	do.	210

TABLE 97—Physical Characteristics of Coal Mines, 1907—Continued.

McDONOUGH COUNTY—*Concluded.*

[illegible]

MCLEAN COUNTY.

[illegible]

MENARD COUNTY.

[illegible]

TABLE 97—*Physical Characteristics of Coal Mines, 1907*—Continued.

ROCK ISLAND COUNTY.

Number.	Name of Operator.	Postoffice address of mine.	Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Holisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
1	J. J. Pryce & Son	Coal Valley ..	1	68	4.0	Sh.	St.	P.-R.	Mule	Hand	20,624
2	Volunteer Coal Co.	do.	1	70	3.6	do.	do.	do.	do.	do.	13,587
3	Sackville Bros.	do.	1	55	4.0	do.	do.	do.	Hand	do.	8,338
4	Stoddard & Summerson ..	do.	1	40	3.8	Sl.	do.	do.	Mule	do.	7,006
5	John A. Hynd.	Moline	1	60	3.6	Sh.	Ho.	do.	Hand	do.	4,224
6	T. S. Silvis	Silvis	1	90	3.6	do.	do.	do.	Mule	do.	4,062
7	Stoehr & Schadt	Carbon Cliff ..	1	56	3.6	do.	do.	do.	Hand	do.	3,512
8	Axel E. Link.	Sunny Hill	1	20	3.6	Sl.	do.	do.	do.	do.	2,500
9	Fred Zeigler.	Coal Valley ..	1	80	3.6	Sh.	do.	do.	do.	do.	940
10	Stone Bros.	Moline	1	61	3.0	do.	do.	do.	do.	do.	800
11	Guckert Bros.	Hampton	1	12	3.0	Sl.	do.	do.	do.	do.	734
12	J. F. Oltman	do.	1	40	3.0	Sh.	do.	do.	do.	do.	186
Total 12 mines.											66,513

SALINE COUNTY.

1	O'Gara Coal Co.	Harrisburg ..	5	120	7.0	Sh.	St.	P.-R.	M. M.	Mach	208,574
2	O'Gara Coal Co.	do.	5	120	7.0	do.	do.	do.	Mule	do.	188,887
3	O'Gara Coal Co.	do.	5	122	7.0	do.	do.	do.	M.	do.	172,169
4	O'Gara Coal Co.	do.	5	122	7.0	do.	do.	do.	Mule	do.	139,219
5	O'Gara Coal Co.	Carrier Mills ..	5	120	7.0	do.	do.	do.	do.	do.	135,026
6	O'Gara Coal Co.	Harrisburg ..	5	120	7.0	do.	do.	do.	do.	Hand	115,397
7	Saline Coal Co.	Ledford	5	144	8.0	do.	do.	do.	do.	M. H.	106,646
8	O'Gara Coal Co.	do.	5	144	8.0	do.	do.	do.	do.	Hand	100,771
9	O'Gara Coal Co.	Eldorado.	5	140	3.6	do.	do.	do.	M.	Mach	100,639
10	O'Gara Coal Co.	Ledford	5	144	8.0	do.	do.	do.	Mule	Hand	99,420
11	O'Gara Coal Co.	Harrisburg ..	5	120	7.0	do.	do.	do.	do.	Mach	86,763
12	O'Gara Coal Co.	Harrisburg ..	5	300	6.0	do.	do.	do.	do.	Hand	76,453
13	O'Gara Coal Co.	Eldorado.	5	340	3.6	do.	do.	do.	M.	Mach	71,631
14	O'Gara Coal Co.	do.	5	340	3.6	do.	do.	do.	Mule	Hand	31,148
15	National Mining Co.	do.	5	320	4.6	do.	do.	do.	do.	do.	30,600
16	Galatia Coal Co.	Galatia	5	340	5.8	do.	do.	do.	do.	do.	25,302
17	Wasson Coal Co.	Harrisburg ..	5	320	5.0	do.	do.	do.	do.	do.	11,063
18	Saline Coal Co.	Ledford	5	144	7.0	do.	do.	do.	do.	H. M.	8,009
19	Job Ingram	Harrisburg ..	5	40	4.0	Sl.	Ho.	do.	do.	Hand	1,700
20	Moore & Baker	Ledford	5	30	4.0	Sh.	do.	do.	do.	do.	1,200
21	J. E. Dobyns	Eldorado.	5	58	4.0	do.	do.	do.	do.	do.	1,000
22	Louis Dunn	Mitchellville ..	5	20	4.0	Dr.	Ha.	do.	do.	do.	114
23	Logan Dunn	do.	5	20	4.0	do.	do.	do.	do.	do.	54
24	Warfield & Ingram	Harrisburg ..	5	10	4.0	do.	Mu	do.	do.	do.	40
Total 24 mines.											1,711,825

SANGAMON COUNTY.

1	Chicago Will. & Ver. C. Co..	Thayer	5	292	7.11	Sh.	St.	P.-R.	M.	Mach	336,849
2	Madison Coal Corporation..	Divernon	5	318	8.0	do.	do.	do.	do.	do.	279,564
3	Woodside Coal Co.	Springfield ..	5	250	5.9	do.	do.	do.	Mule	Hand	252,644
4	Illinois Collieries Co.	do.	5	250	5.9	do.	do.	do.	M.	do.	225,063
5	Springfield Coal Mining Co.	do.	5	232	5.9	do.	do.	do.	Mule	do.	219,086
6	Illinois Midland Coal Co.	Sherman	5	201	6.0	do.	do.	do.	do.	do.	211,639
7	Springfield Coal Mining Co.	Springfield ..	5	250	5.9	do.	do.	do.	do.	do.	205,674
8	Black Diamond Coal Co.	Auburn	5	270	7.6	do.	do.	do.	M.	Mach	192,163

TABLE 97—Physical Characteristics of Coal Mines, 1907—Continued.

SCOTT COUNTY.

[illegible]

SHELBY COUNTY.

[illegible]

STARK COUNTY.

[illegible]

TABLE 97—Physical Characteristics of Coal Mines, 1907—Continued.

ST. CLAIR COUNTY.

Number.	Name of Operator.	Postoffice address of mines.	Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
1	Consolidated Coal Co.	Collinsville.	6	236	7.0	Sh.	St.	P-R	Mule.	Mch.	438,176
2	St. Louis & O'Fallon C. Co.	French Village	6	197	6.0	do.	do.	do.	do.	do.	243,957
3	St. Louis & O'Fallon C. Co.	do.	6	100	6.0	do.	do.	do.	do.	Hand	238,768
4	Southern Coal & Mining Co.	Belleville	6	200	6.0	do.	do.	do.	do.	Mch.	196,504
5	Superior Coal & Mining Co.	do.	6	186	6.0	do.	do.	do.	do.	do.	195,284
6	Prairie Coal Co.	do.	6	200	7.0	do.	do.	do.	do.	Hand	166,134
7	Jos. Taylor Coal Co.	O'Fallon	6	210	7.0	do.	do.	do.	do.	Mch.	164,555
8	Jos. Taylor Coal Co.	do.	6	210	7.0	do.	do.	do.	E. M.	Hand	156,900
9	Suburban Coal & Mining Co.	Belleville	6	180	7.0	do.	do.	do.	Mule.	do.	109,996
10	Jos. Taylor Coal Co.	O'Fallon	6	200	7.0	do.	do.	do.	do.	do.	109,500
11	Southern Coal & Mining Co.	Belleville	6	140	7.0	do.	do.	do.	do.	do.	104,730
12	Breese-Trenton Coal Co.	Trenton	7	200	5.0	do.	do.	do.	do.	Mch.	98,462
13	International Coal & M. Co.	Carbon	6	210	6.0	do.	do.	do.	E. M.	Hand	95,561
14	Borders Coal Co.	Marissa	6	80	7.0	do.	do.	do.	Mule.	do.	93,065
15	Consolidated C.Co.Green Mt.	Collinsville.	6	160	7.0	do.	do.	do.	do.	Mch.	91,590
16	Fullerton Coal & Mining Co.	Belleville	6	160	7.0	do.	do.	do.	do.	Hand	84,313
17	Kolb Coal Co.	Mascoutah	6	180	7.0	do.	do.	do.	do.	do.	80,710
18	Borders Coal Co.	Marissa	6	90	6.0	do.	do.	do.	do.	Mch.	76,528
19	Royal Coal & Mining Co.	Belleville	6	190	7.0	do.	do.	do.	do.	do.	75,210
20	Southern Coal & M. Co.	do.	6	180	6.0	do.	do.	do.	do.	do.	71,628
21	Johnson Coal Co.	Marissa	6	120	7.0	do.	do.	do.	Mot'r	do.	66,436
22	Southern Coal & Mining Co.	Belleville	6	175	7.0	do.	do.	do.	Mule.	Mch.	66,255
23	Glendale Coal & Mining Co.	do.	6	120	7.0	do.	do.	do.	Mot'r	do.	60,716
24	Hippard Coal Co.	do.	6	75	7.0	do.	do.	do.	Mule.	do.	58,778
25	Southern Coal & Mining Co.	do.	6	200	7.0	do.	do.	do.	do.	do.	58,140
26	Avery Coal Co (Randal).	Freeburg	6	150	7.0	do.	do.	do.	do.	Hand	53,372
27	Marissa Coal & Mining Co.	Marissa	6	120	7.0	do.	do.	do.	Cable	do.	52,975
28	Hippard Coal Co.	Belleville	6	90	7.0	do.	do.	do.	Mule.	do.	52,482
29	Jones Bros. Coal & M. Co.	Marissa	6	114	7.0	do.	do.	do.	do.	do.	52,454
30	Missouri & Illinois Coal Co.	Wilderman	6	90	7.0	do.	do.	do.	do.	do.	49,335
31	Tirrie Coal & Mining Co.	Lenzburg	6	191	7.0	do.	do.	do.	Mot'r	do.	48,762
32	Southern Coal & Mining Co.	Belleville	6	187	7.0	do.	do.	do.	Mule.	Mch.	44,585
33	Missouri & Illinois Coal Co.	Freeburg	6	128	6.0	do.	do.	do.	do.	do.	42,779
34	Belleville & O'Fallon C. Co.	Belleville	6	120	6.6	do.	do.	do.	do.	do.	42,354
35	Oak Ridge Coal Co.	Marissa	6	175	6.0	do.	do.	do.	Mot'r	do.	41,444
36	T. M. Meeks Coal Co.	do.	6	170	6.0	do.	do.	do.	Mule.	Hand	41,368
37	Madison Coal Corp.	Ogles	6	185	7.0	do.	do.	do.	do.	do.	40,857
38	Kolb Coal Co.	Mascoutah	6	180	7.0	do.	do.	do.	do.	do.	39,227
39	Southern Coal & Mining Co.	Belleville	6	150	6.0	do.	do.	do.	do.	do.	36,566
40	Summit Coal & Mining Co.	Birkner	6	190	7.0	do.	do.	do.	do.	do.	35,967
41	Valley Coal Co.	Mascoutah	6	113	6.0	do.	do.	do.	do.	do.	35,074
42	Highland Coal Co.	Belleville	6	130	6.0	do.	do.	do.	do.	do.	34,231
43	Missouri & Illinois Coal Co.	Rentchler	6	130	7.0	do.	do.	do.	do.	do.	33,464
44	Johnson Coal Co.	Freeburg	6	136	7.0	do.	do.	do.	do.	do.	33,462
45	Pittsburg Mining Co.	Belleville	6	125	7.0	do.	do.	do.	do.	do.	33,107
46	White & Nesbit Coal Co.	do.	6	90	6.0	do.	do.	do.	do.	do.	28,750
47	Advance Coal Co. (Lessee).	Marissa	6	87	7.0	do.	do.	do.	do.	do.	25,348
48	Consolidated Coal Co.	Richland	6	90	7.0	do.	do.	do.	do.	do.	24,954
49	Swanson Coal & Mining Co.	Belleville	6	100	6.0	do.	do.	do.	do.	do.	23,562
50	Mulberry Hill Coal Co.	Freeburg	6	150	7.0	do.	do.	do.	do.	do.	23,412
51	Silver Creek Coal & M. Co.	O'Fallon	7	186	6.0	do.	do.	do.	do.	Mch.	21,882
52	L. Senior Coal Co.	Belleville	6	100	6.0	do.	do.	do.	do.	Hand	20,489
53	Enterprise Coal & M. Co.	Rentchler	6	120	6.0	do.	do.	do.	do.	do.	20,324
54	International Coal & M. Co.	O'Fallon	7	200	6.0	do.	do.	do.	do.	Mch.	17,076
55	Consolidated Coal Co.	Belleville	6	200	6.0	do.	do.	do.	do.	do.	17,018
56	Cluly Miller Coal Co.	Caserville.	6	180	7.0	do.	do.	do.	do.	Hand	16,586
57	Kolb Coal Co.	Mascoutah	6	83	7.0	do.	do.	do.	do.	do.	16,184
58	Beatty Coal Co.	do.	6	130	6.0	do.	do.	do.	do.	Mch.	13,134
59	Frank Sargent	Belleville	6	65	6.0	do.	do.	do.	do.	Hand	13,481
60	Tower Grove Coal Co.	do.	6	150	6.0	do.	do.	do.	do.	do.	12,909
61	August Ebel	do.	6	40	6.0	do.	do.	do.	do.	do.	12,860

TABLE 97—Physical Characteristics of Coal Mines, 1907.—Continued.

VERMILION COUNTY.

Number.	Name of Operator.	Postoffice address of mine.	Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Hauling—hand, mule, cable, electric.	Mining—hand, chisel, both.	Total tons.
1	Dering Coal Co.	Westville	6	215	6.0	Sh.	St.	P. R.	Mule.	Hand	495,752
2	Kelly Coal Co.	do.	6	90	7.0	do.	do.	do.	do.	do.	360,279
3	Dering Coal Co.	Steeltown	6	187	6.0	do.	do.	do.	M. M.	do.	308,232
4	Kelly Coal Co.	Hilmrod	7	168	8.0	do.	do.	do.	do.	do.	234,173
5	Dering Coal Co.	Westville	6	210	7.0	do.	do.	do.	do.	do.	212,456
6	Dering Coal Co.	Steeltown	6	204	6.0	do.	do.	do.	Mule	do.	205,483
7	Little Vermilion Coal Co.	Georgetown	6	210	6.5	do.	do.	do.	do.	Mach	178,158
8	Kelly Coal Co.	Westville	6	210	7.0	do.	do.	do.	M. M.	Hand	169,936
9	Kelly Coal Co.	Grape Creek	6	90	8.0	do.	do.	do.	M. C.	do.	168,731
10	Electric Coal Co.	Danville	7	100	6.0	do.	do.	do.	Mule	do.	137,682
11	Kelly Coal Co.	Grape Creek	6	90	7.0	do.	do.	do.	M. C.	do.	123,731
12	E. S. Grey Coal Co.	Missionfield	7	95	6.0	do.	do.	do.	Mule	do.	91,000
13	Oak Wood Coal Co.	Oak Wood	7	137	6.0	do.	do.	do.	do.	do.	45,000
14	Economy Coal Co.	Danville	7	85	6.0	do.	do.	do.	do.	do.	41,302
15	Reiley & Doughty	do.	7	6.0	Str	do.	Strip	do.	do.	do.	25,000
16	Geo. H. Haskins	Grape Creek	6	184	7.0	Sh.	Ho.	P. R.	do.	do.	22,206
17	Salt Fork Coal Co.	Oak Wood	6	6.0	Str	do.	Strip	do.	do.	do.	22,000
18	Sharron Coal & Brick Co.	Georgetown	6	235	5.0	Sh.	St.	P. R.	do.	do.	15,248
19	John Aldridge	Danville	7	42	6.0	do.	Ho.	do.	do.	do.	13,500
20	James Parle	do.	7	80	6.0	Sl.	do.	do.	do.	do.	13,000
21	Tilton Coal Co.	Tilton	7	90	6.0	Dr.	M.	do.	do.	do.	12,757
22	Stansberry & Watkins	Danville	7	40	6.0	do.	Ho.	do.	do.	do.	12,000
23	Maucke Bros	do.	7	80	6.0	Sl.	St.	do.	do.	do.	11,800
24	L. S. Miller Co.	do.	6	6.0	Str	do.	do.	do.	do.	do.	10,000
25	Vermilion Valley Mining Co.	Muncie	7	200	5.0	Sh.	do.	do.	do.	do.	9,800
26	Chicago Collier Co.	Catlin	6	168	6.0	do.	do.	do.	do.	do.	7,183
27	D. A. Jenkins	Danville	7	60	6.0	Dr.	Ho.	do.	do.	do.	71,000
28	John O'Connell Coal Co.	Grape Creek	6	40	7.0	Sh.	St.	do.	do.	do.	6,032
29	Chas. E. Lind	Danville	7	43	6.0	Sl.	Ho.	do.	do.	do.	5,964
30	Joe Mauch	do.	7	100	6.0	do.	St.	do.	do.	do.	5,800
31	Reynolds & Bales	do.	7	90	6.0	Dr.	Ho.	do.	do.	do.	5,000
32	Henry Young	do.	7	100	6.0	Sl.	St.	do.	do.	do.	4,000
33	William Schafer	Vermilion Hts	7	110	6.0	do.	Ho.	do.	Hand	do.	3,500
34	Miller & Spangler	Danville	7	100	6.0	Sh.	St.	do.	Mule	do.	3,015
35	France Bros. Coal Co.	Fairmont	7	50	6.0	do.	Ho.	do.	do.	do.	2,829
36	Chas. Winehouse	Danville	7	50	6.0	Dr.	do.	do.	Hand	do.	2,600
37	M. C. Wilkinson	do.	7	50	6.0	do.	do.	do.	do.	do.	2,600
38	W. F. Crawford & Son	Collison	7	114	6.0	Sh.	do.	do.	do.	do.	2,600
39	Bunting Bros.	Danville	7	45	6.0	Sl.	St.	do.	do.	do.	2,500
40	August Olson	Grape Creek	6	40	6.0	do.	do.	do.	do.	do.	2,400
41	Adolph Rowland	do.	6	80	7.0	do.	Ho.	do.	do.	do.	2,000
42	Fred Woodard	Fairmont	7	50	5.0	Sh.	do.	do.	do.	do.	1,700
43	James Thomas & Son	Danville	7	40	6.0	Sl.	St.	do.	do.	do.	1,500
44	B. & H. Spangler	do.	7	75	6.0	do.	Ho.	do.	do.	do.	1,500
45	Martin Samuel	Grape Creek	6	30	7.0	do.	do.	do.	do.	do.	1,400
46	Joe Thompson	do.	6	28	7.0	do.	do.	do.	do.	do.	1,300
47	A. H. Bennett	Collison	7	100	6.0	Sh.	do.	do.	do.	do.	1,200
48	L. E. Baker	Oak Wood	7	35	5.0	do.	do.	do.	do.	do.	1,100
49	Carter Bros.	Danville	7	50	6.0	Sl.	M r	do.	do.	do.	1,000
50	Cantrell Bros.	do.	7	85	5.5	Dr.	Ho.	do.	do.	do.	1,000
51	Reiley & Doughty	do.	7	60	6.0	do.	do.	do.	do.	do.	889
52	Samuel Thomas	do.	7	80	6.0	do.	St.	do.	do.	do.	696
53	T. J. Webster	do.	7	125	6.0	do.	Ho.	do.	do.	do.	600
54	Sam Swisler	do.	7	60	6.0	do.	do.	do.	do.	do.	400
55	Andrew Fredrickson & Son	do.	7	60	6.0	do.	do.	do.	do.	do.	400
56	A. L. Pohlemus	do.	7	60	6.0	do.	do.	do.	do.	do.	398
57	Fred Brannearman	do.	7	60	6.0	do.	do.	do.	do.	do.	200
58	Edward Long & Co.	do.	7	60	6.0	Sh.	do.	do.	do.	do.	200
59	John Buckellew	Catlin	7	21	6.0	Sh.	do.	do.	do.	do.	102

Total—59 mines

3,019,934

TABLE 97—Physical Characteristics of Coal Mines, 1907—Continued.

WILLIAMSON COUNTY.

Number.	Name of Operator.	Postoffice address of mine.	Geological number of seam.	Depth of coal below the surface—feet.	Thickness of seam—feet and inches.	Shaft—slope, drift.	Hoisting—steam, horse, hand.	Long wall, pillar and room.	Haulage—hand, mule, cable, electric.	Mining—hand, machine, both.	Total tons.
1	Big Muddy Coal & Iron Co.	Herrin	7	140	9.0 Sh.	St.	P. R.	M. M.	Hand	486,660	
2	Chicago & Carterville C. Co.	do.	7	180	9.0 do.	do.	do.	do.	Both	451,093	
3	Big Muddy Coal & Iron Co.	Clifford	7	180	9.0 do.	do.	do.	do.	M.	386,123	
4	Sunnyside Coal Co.	Herrin	7	145	9.0 do.	do.	do.	do.	Both	383,180	
5	Peabody Coal Co.	Marion	7	102	9.0 do.	do.	do.	do.	do.	356,259	
6	Western Coal Mining Co.	Bush	7	185	9.0 do.	do.	do.	do.	Hand	309,911	
7	Chicago & Big Muddy C. Co.	Marion	7	81	9.0 do.	do.	do.	do.	do.	230,377	
8	Carterville Coal Co.	Carterville	7	90	9.0 do.	do.	do.	Mule	do.	223,505	
9	Johnson Cy & Big Muddy C C	Johnston City	7	208	9.0 do.	do.	do.	do.	do.	218,345	
10	Madison Coal Co.	Dewmaine	7	90	9.0 do.	do.	do.	do.	do.	204,830	
11	Carterville Dist. Coal Co.	Marion	7	94	8.0 do.	do.	do.	do.	do.	202,877	
12	Chicago & Herrin	Herrin	7	161	9.0 do.	do.	do.	Both	do.	173,199	
13	Carterville & Big Muddy C C	Cambria	7	80	9.0 do.	do.	do.	Mule	do.	166,136	
14	Chicago & Marion C. Co.	White Ash	7	94	8.0 do.	do.	do.	do.	Both	150,554	
15	Hafer Washed Coal Co.	Carterville	7	81	9.0 do.	do.	do.	do.	Hand	137,101	
16	St. Louis & Carterville C. Co	Herrin	7	160	9.0 do.	do.	do.	do.	do.	135,518	
17	Williamson Co. Coal Co.	Johnston City	7	150	9.0 do.	do.	do.	do.	do.	128,530	
18	Donaly & Koennecker C. Co.	Carterville	7	110	9.0 do.	do.	do.	do.	do.	114,179	
19	Carterville Mining Co.	Herrin	7	130	9.0 do.	do.	do.	do.	do.	103,952	
20	Peabody Coal Co.	Marion	7	80	9.0 do.	do.	do.	do.	Both	102,481	
21	Robert Dick Coal Co.	Cambria	7	81	9.0 do.	do.	do.	do.	Hand	90,569	
22	Watson Coal Co.	Herrin	7	80	9.0 do.	do.	do.	do.	do.	77,000	
23	Carterville & Herrin C. Co.	do.	7	165	9.0 do.	do.	do.	do.	do.	72,223	
24	Madison Coal Co.	Cambria	7	130	9.0 do.	do.	do.	do.	do.	69,642	
25	Carterville Mining Co.	Herrin	7	130	9.0 do.	do.	do.	do.	do.	68,973	
26	Consummers Coal Co.	Johnston City	7	119	8.0 do.	do.	do.	do.	do.	60,000	
27	Johnson Cy & Carterville C.C	do.	7	150	9.0 do.	do.	do.	do.	do.	53,633	
28	Carterville Mining Co.	Cambria	7	70	9.0 do.	do.	do.	do.	do.	38,234	
29	Watson Coal Co.	Herrin	7	80	9.0 do.	do.	do.	do.	do.	20,000	
30	Chicago & Carterville C. Co.	do.	7	230	9.0 do.	do.	do.	do.	do.	14,783	
31	Binkley & Miller	Marion	7	20	9.0 do.	do.	do.	do.	do.	6,000	
32	Hemlock Coal Co.	Herrin	7	137	9.0 do.	do.	do.	do.	do.	4,900	
33	West Virginia Coal Co.	Marion	7	180	8.0 do.	do.	do.	do.	do.	4,366	
34	J. S. McNeill	Carterville	7	20	9.0 Sl.	do.	do.	do.	do.	4,000	
35	John A. Young	do.	7	50	7.0 Sh.	do.	do.	do.	do.	3,817	
36	J. W. Ingram	Marion	6	120	4.0 do.	do.	do.	do.	do.	3,220	
37	Hafer Washed Coal Co.	Carterville	7	70	9.0 do.	do.	do.	do.	do.	2,205	
38	W. N. Strand	Spillertown	7	25	9.0 do.	Ho	do.	do.	do.	2,168	
39	E. E. Enslinger	Crab Orchard	6	20	5.0 Dr.	do.	do.	do.	do.	1,400	
40	Geo A. Phillips	Carterville	7	58	9.0 Sl.	do.	do.	do.	do.	1,280	
41	Spiller & Whitecotton	do.	7	20	9.0 do.	do.	do.	do.	do.	1,067	
42	W. S. Tarpley	Crab Orchard	6	20	6.0 do.	do.	do.	do.	do.	1,000	
43	T. M. Motsinger	do.	6	20	5.0 do.	do.	do.	do.	do.	640	
44	B. P. Spiller	Marion	7	20	9.0 Sh.	do.	do.	do.	do.	264	
45	Johnson City & St. Louis C C	Johnston City	7	200	9.0 do.	do.	do.	do.	do.	166	
46	Marion Brinkley	do.	6	30	5.0 Dr.	do.	do.	do.	do.	92	
Total 46 mines											5,266,452

WOODFORD COUNTY.

1	Roanoke Coal Mining Co ...	Roanoke	2	480	2.6 Sh.	St.	L. W.	Mule	Hand	95,440
2	Minonk Coal Co.	Minonk	2	565	2.6 do.	do.	do.	do.	do.	55,303
Total 2 mines										150,743

Table 98 is a recapitulation of table 97 and is arranged by the geological number of the several seams of coal, showing the number of counties in which the different seams are found, the manner of working the seams, the character of the openings and the tons of coal produced from each seam.

TABLE 98—*Summary of the Physical Character of the Coal Mines of the State, Geological Number of Seams, Manner of Working, Kind of Opening and Tons Produced.*

GEOLOGICAL NUMBER OF SEAM.	Number of Counties	Number of mines.	MANNER OF WORKING.			CHARACTER OF OPENING.			Tons.
			Long wall.	Pillar and room.	Strip.	Shaft.	Slope.	Drift.	
1	14	67	1	66	.....	39	9	19	602,747
2	19	171	48	123	.....	94	9	68	5,981,138
3	2	10	.....	10	.....	8	.....	2	17,486
5	18	228	4	224	.....	126	24	78	14,499,993
6	24	306	.....	306	2	252	36	16	14,927,020
7	11	128	.....	128	1	88	11	28	11,467,152
14	1	9	.....	9	.....	9	.....	.....	11,242
Pocket.....	1	2	.....	2	.....	2	.....	.....	779
Not given.....	6	12	.....	12	.....	5	3	4	291,064
Totals.....	.....	933	53	880	3	623	92	215	47,798,621

Reports
of the
State Inspectors
of Mines.

FIRST INSPECTION DISTRICT—1907.

SECOND ANNUAL REPORT.

Counties—Grundy, Kankakee, LaSalle, Will.

HECTOR MCCALLISTER, *Inspector*, Streator.

Hon. David Ross, Secretary State Bureau of Labor Statistics, Springfield, Ill.:

SIR—In compliance with section 12 an an Act of the General Assembly of the State of Illinois, defining the duties of the State inspectors of coal mines and providing for the health and safety of persons employed therein, I herewith submit the second annual report of coal mines in the First Inspection District for the year ending June 30, 1907.

The district includes the coal producing counties of Grundy, Kankakee, LaSalle and Will. The report contains tabulated statements showing the number of mines in operation, both shipping and local; the depth of the shafts and the thickness and geological number of the different seams; the number of new and abandoned mines; the number of persons employed at each mine; the tons of lump and other grades of coal produced; the price per ton paid for mining; the value of lump and other grades of coal per ton at the mine and the aggregate value of the total product; the number of kegs of powder and the number of pounds of dynamite consumed; the casualties in and around the mines, both fatal and non-fatal; the number of wives made widows and the children left fatherless, caused by fatal accidents; also the number of days of active operation of every mine in the district.

The following is a summary for all the counties in the district:

Total number of mines.....	67
Number of shipping mines.....	30
Number of local mines.....	37
Number of new mines.....	3
Number of abandoned mines.....	8
Number of miners.....	4,922
Number of others under ground.....	1,201
Number of boys under ground.....	178
Number of employes above ground.....	649
Total number of employes.....	6,950
Total tons of coal produced—all grades.....	3,198,049
Total tons of mine run.....	185,148
Total tons of lump.....	2,097,217
Total tons of egg.....	175,743
Total tons of nut.....	39,502
Total tons of screenings.....	631,310
Total tons of slack burned and wasted.....	69,129
Average value per ton of mine run at the mine.....	\$1.567
Average value per ton of lump.....	\$1.702
Average value per ton of egg.....	\$1.808
Average value per ton of nut.....	\$1.54
Average value per ton of screenings.....	\$0.612
Average value per ton of slack or waste.....	\$0.667
Aggregate value of total product at mines.....	\$4,657,655
Average price paid per gross ton for hand mining at shipping mines.....	\$0.823

Average number of days of active operation, shipping mines.....	245
Number of kegs of powder used.....	20,206
Number of pounds of dynamite used.....	14,031
Tons of coal shipped from the mines.....	2,578,858
Tons supplied to locomotives.....	113,121
Tons sold to local trade, shipping mines.....	144,713
Tons sold to local trade, local mines.....	67,319
Tons sold to local trade, all mines.....	212,032
Tons consumed and wasted at the plant, all mines.....	294,038
Number of fatal accidents.....	18
Number of non-fatal accidents.....	100
Number of wives made widows.....	13
Number of children left fatherless.....	54
Tons of coal mined to each fatal accident.....	177,689
Tons of coal mined to each non-fatal accident.....	31,984
Number of employes to each fatal accident.....	386
Number of employes to each non-fatal accident.....	70

The following statement gives the coal production by counties in the first district, with the increase in each for the years ending June 30, 1906-1907:

COUNTIES.	TOTAL OUTPUT IN TONS.		Increase.
	1906.	1907.	
Grundy.....	1,170,625	1,327,197	156,572
Kankakee.....	28,419	37,828	9,409
LaSalle.....	1,595,327	1,644,686	49,359
Will.....	141,959	188,338	46,379
Total.....	2,936,330	3,198,049	261,719
Net increase.....		261,719	

All the counties in the district show an increase in the output over last year.

NEW MINES.

In LaSalle county, LaSalle County Carbon Coal Company has opened a new mine No. 5 at Cedar Point. The Kickapoo Coal Company has sunk a new shaft near Seneca. Oscar Kimes has sunk a new shaft one mile west of Streator and Jerry Pratt has opened a new mine at Lowell. The LaSalle County Carbon Coal Company's No. 5 mine, located at Cedar Point, went into active operation August 19, 1907. The coal is now hoisted out of the air shaft. The hoisting shaft is 12 by 16 feet in the clear and is equipped with steel tippie and all necessary machinery for handling cars tandem on the cage. The cars are operated by steam pushers, with transfer tables for placing empties in front of pushers; also cross over dumps and kick backs, according to the best modern ideas.

The cages are equipped with the Ottumwa safety catches, which project into the timbers at the side of the shaft, in case of the breaking of the rope. The rope is connected to the cages with Humble safety detaching hook, designed to hold the cages in position near the pulley in case of overwinding. The company also installed elaborate shaker screens and box car loaders.

The hoisting apparatus was furnished by the Litchfield Foundry and Machine Company and consists of 24 by 42 inch double engines with a seven foot drum, steam brake. The boiler house contains five tubular boilers, 72 inches by 18 feet. The boiler and engine houses are built entirely fire proof. The air shaft is located 265 feet from the main shaft and will be equipped with a 6 by 16 foot fan, operated by an 18 by 20 inch engine. This engine house will be brick and have connetions with air shaft of concrete. The air shaft will be equipped with a hoisting apparatus for a single cage,

to be used in letting down material and doing necessary repair work in the air shaft. The escape ways consist of stairways in a separate compartment. The plans, taken as a whole, contemplate an absolutely fire proof outfit, and no expense has been spared to secure the most perfect and safest arrangement of machinery and other devices providing for safety in the handling of men and material.

ABANDONED MINES.

The following mines have been abandoned in LaSalle county: William McMillen, Streator; Joseph Sowerby & Co., Streator; William G. Francis, Streator; Mathew White, Ottawa; also the North Wilmington Coal Company, at Seneca; and in Grundy county the Wilmington Coal Mining and Manufacturing Company's No. 4 mine at Diamond and Max Davidson & Son's mine near Morris. The Rixson Coal Company of Braceville, Will county, has not been in operation since the strike in 1906, but intend to open the mine again this fall.

PROSPECTIVE MINES.

In LaSalle county the Streator Fuel Company of Streator is sinking a new shaft about three and one-half miles northeast of the town. Harrison & Co. are taking the water out of the old mine formerly operated by the Joliet and Streator Coal Company, which was abandoned eighteen years ago. The mine is located on the C. & A. Railway, a half mile east of Streator. The Chicago-Wilmington and Vermilion Coal Company is preparing to sink a new shaft one-half mile north of the corporate limits of Streator. The Chicago-Wilmington and Vermilion Coal Company is also sinking a new mine a half mile south of its No. 1 mine at South Wilmington, Grundy county.

FIRES AT MINES.

The night of August 13, 1906, the tower, engine house, boiler room and fan house of the LaSalle County Carbon Coal Company's LaSalle mine were destroyed by fire. The fire also extended down the hoisting shaft about twenty feet, so that it had to be retimbered. The fire was discovered by the night watchman in the fan house. How it originated no one knows.

A new tower has been erected, also a new brick engine house and boiler room have been built. The fan house has been built about seventy feet from the air chamber and made fire proof. The fan is 6 by 16 feet. A new shaker screen has been put in. The company has also put in an endless chain, to take the pit cars from the shaft to the railroad chutes, a distance of about 200 feet. The repairing of the mine was completed and put in operation November 12, 1906.

The night of September 26, 1906, a fire destroyed the tower, railroad chutes, engine house, boiler room and all outside buildings of Mrs. E. Hakes' mine at Rutland, LaSalle county. There were seven men in the mine at the time. After extinguishing the burning timbers at the bottom of the shaft, the men all got out safely by way of the escape shaft. A new tower has been erected, railroad chutes, engine house and boiler room have been rebuilt and work was resumed December 1, 1906.

IMPROVEMENTS.

The Oglesby Coal Company has built a new tippie a short distance southwest of the hoisting shaft on a branch of the C. M. & St. P. Railway. The pit cars are taken from the upper landing and conveyed by an endless chain about seventy-five feet to the new tippie, where the coal is loaded into the railroad cars. The company has also put in a new shaker screen and box car loader. This gives an outlet of its coal on two roads, the Illinois Central and Chicago, Milwaukee & St. Paul.

FATAL ACCIDENTS.

August 24, 1906, John Minmek, miner, aged 64 years, married, was killed instantly by falling rock at the face of his working place in the Acme Coal Company's mine, Streator, LaSalle county. He leaves a widow and two children.

August 26, 1906, Louis Phillips, roadman, aged 48 years, married, was severely crushed by falling rock on the main west entry, 450 feet from the working face, in the C. W. & V. Coal Company's No. 2 mine, South Wilmington, Grundy county. Deceased and his son were working nights, cleaning the haulage road, when a rock fell from the roof striking deceased on the head. He was conveyed to his home, where he died three hours after the accident. He leaves a widow and eight children.

September 15 1906, Robert Hufford, miner, aged 31 years, single, was fatally injured by falling rock on the northwest cross road, about 100 feet from his working place, in the Joliet-Wilmington Coal Company's No. 2 mine, Braidwood, Will county. Deceased had quit work for the day at 3:30 p. m. and was on his way to the bottom, when a stone fell from the roof striking him on the head, knocking him against the side of the roadway, breaking his neck. He died one hour after the accident.

September 17, 1906, Joseph Prazek, miner, aged 34 years, married, was instantly killed by falling rock at the face of his working room in the Big Four-Wilmington Coal Company's No. 6 mine, Carbon Hill, Grundy county. He leaves a widow and four children.

September 19, 1906, Thomas R. Williams, miner, aged 50 years, married, was fatally injured by falling rock on his road head in the Braceville Coal Company's No. 6 mine, Braceville, Grundy county. He died two hours after the accident, leaving a widow and four children.

October 10, 1906, John Ginzetti, miner, aged 22 years, single, was killed instantly at the face of his working room by a falling rock in the Chicago-Wilmington and Vermilion Coal Company's No. 1 mine, South Wilmington, Grundy county.

October 12, 1906, John Holmes, miner, aged 24 years, married, was killed instantly by falling rock at the face of his working room in the Acme Coal Company's mine, Streator, LaSalle county. He leaves a widow and one child.

October 13, 1906, Leon Burney, miner, aged 23 years, single, was instantly killed by falling rock on his road head in the Oglesby Coal Company's mine, Oglesby, LaSalle county.

November 3, 1906, John Kurasotte, driver, aged 18 years, single, was fatally injured in the No. 6 mine of the Big Four Wilmington Coal Company, Carbon Hill, Grundy county. Deceased was attempting to hold a loaded car on the down grade when his foot caught against a tie, causing him to fall in front of the car, which passed over his body. He died the following day.

November 9, 1906, John Arthur, miner, aged 36 years, married, was killed instantly by falling coal at the face of his working room in the mine of William Wood near Morris, Grundy county. He leaves a widow and five children.

December 5, 1906, Emerson Featherstone, miner, aged 53 years, was killed instantly by falling rock in the mine of Matthiesen & Hegeler Zinc Company, LaSalle, LaSalle county. Deceased and his partner were loading a car about thirty feet from the face, when a rock fell on him, with the result as stated. He leaves a widow and eight children.

December 18, 1906, Frank Lohmar, miner, aged 34 years, married, was killed instantly by falling rock at the face of his working place in mine No. 7 of the Wilmington Star Mining Company, Coal City, Grundy county. Deceased and his partner fired a shot at quitting time the day previous which knocked out all the props on the left hand side of their room. The next morning, instead of replacing the props, Lohmar commenced throwing out the loose coal, when a mass of rock fell on him, with the result as stated. He leaves a widow and three children.

December 28, 1906, John Gartiglio, miner, aged 42 years, single, was killed instantly by falling rock at the face of his working room in the No. 5 mine of the Wilmington Star Mining Company's mine at Coal City, Grundy county.

January 15, 1907, Andres Jenco, miner, aged 40 years, married, was seriously injured by falling rock at the face of his working room in No. 6 mine of the Braceville Coal Company, Braceville, Grundy county. He was taken to the hospital in Joliet, where he died eighteen days after the accident. He leaves a widow and one child.

February 23, 1907, John Sheatock, miner, aged 32 years, married, was killed instantly by falling rock at the face of his work room in the Rockwell mine of the LaSalle County Carbon Coal Company, LaSalle, LaSalle county. He leaves a widow and three children.

May 14, 1907, Eugene Lenzi, miner, aged 42 years, married, was severely burned by the explosion of powder in the No. 6 mine of the Braceville Coal Company, Braceville, Grundy county. Deceased was preparing to fire a shot and found his blasting barrel was clogged. After filing off a small piece of the barrel he inserted and lighted a squib, which failed to pass through the barrel. He then inserted a second squib and thought that it had passed through the barrel. After this preparation he commenced to fasten the barrel to the cartridge, when the powder ignited, burning him severely about the face and body. It is supposed that a spark was hanging fire in the barrel, which caused the powder to ignite. He was taken to the hospital in Joliet, where he died eight days after the accident. Deceased leaves a widow and five children.

May 22, 1907, John Kucera, miner, aged 47 years, married, was killed instantly by falling rock at the face of his working room in the No. 6 mine of the Wilmington Coal Mining and Manufacturing Company, Torino, Will county. He leaves a widow and five children.

June 29, 1907, John Rosso, miner, aged 39 years, married, was killed instantly by falling coal at the face of his working place in the No. 6 mine of the Big Four Wilmington Coal Co., Carbon Hill, Grundy county. Deceased leaves a widow and five children in France.

The county tables and recapitulations follow:

Respectfully submitted,

HECTOR McALLISTER.

State Inspector of Mines, First District, Streator, Illinois.

Fatal Casualties—First District—July 1, 1907.

Date.	Name.	Age.	Occupation.	Residence (Town).	Married.	Widows.	Children.	Single.	Persons dependent.	Cause of Accident.
1906										
Aug. 24	John Minmek	64	Miner	Streator	1	1	2		2	Falling rock.....
26	Louis Phillips	48	Roadman	S. Wilmington	1	1	8		8	do.....
Sept. 15	Robert Hufford.....	31	Miner	Braidwood				1		do.....
17	Joseph Prazek.....	34	do.....	Carbon Hill	1	1	4		4	do.....
19	Thos. R. Williams.....	50	do.....	Braceville	1	1	4		4	do.....
Oct. 10	John Ginzetti.....	22	do.....	S. Wilmington				1		do.....
12	John Holmes.....	24	do.....	Streator	1	1	1		2	do.....
13	Leon Burney.....	23	do.....	Oglesby				1		do.....
Nov. 3	John Kurasotti.....	18	Driver	Carbon Hill.....					1	Pit car.....
9	John Arthur.....	36	Miner	Morris	1	1	5		5	Falling coal.....
Dec. 5	Em. Featherstone.....	53	do.....	LaSalle	1	1	8		8	Falling rock.....
18	Frank Lohmar.....	34	do.....	Coal City.....	1	1	3		3	do.....
28	John Gartiglio.....	42	do.....	do.....				1		do.....
1907										
Jan. 15	Andrew Jenco.....	40	do.....	Braceville	1	1	1		1	do.....
Feb. 23	John Sheatock.....	32	do.....	LaSalle	1	1	3		3	do.....
May 14	Eugene Lenzi.....	42	do.....	Braceville	1	1	5		5	Powder explosion..
22	John Kucera.....	47	do.....	Torino	1	1	5		5	Falling rock.....
June 29	John Rosso.....	39	do.....	Carbon Hill.....	1	1	5		6	Falling coal.....
	Total	18			13	13	54	5	56	

Recapitulation of Fatal Casualties—First District—1907.

Residence.	No.	Occupation.	No.	Nature of Casualty.	No.	Colliery.	No.
Braceville	3	Driver	1	Falling coal.....	2	Acme Coal Co.....	2
Braidwood.....	1	Miners	16	Falling rock.....	14	Braceville Coal Co.....	3
Carbon Hill.....	3	Roadman	1	Pit car	1	Big Four Wilm. Coal Co...	3
Coal City.....	2			Powder explosion...	1	C. W. & V. Coal Co.....	2
LaSalle	2					Joliet-Wilmington Coal Co.	1
Morris.....	1					LaSalle County C. C. Co...	1
Oglesby.....	1					M. & H. Zinc Co.....	1
Streator	2					Oglesby Coal Co.....	1
S. Wilmington	2					Wilm. Coal M. & Mfg. Co..	1
Torino	1					Wilm. Star Mining Co.....	2
						William Wood.....	1
Total.....	18		18		18		18

Non-Fatal Casualties—First District—July 1, 1907.

Date.	Name.	Age.	Residence. (Town)	Married.	Single.	Children.	No. persons dependent.	Character of Injury and Cause of Accident.	Time lost— days.
1906									
July	2 John Walker	47	S. Wilmington	1	1			Knee bruised, falling rock	35
	3 Thos. Sonetanko	38	Streator	1	1			Foot injured, falling coal	45
	3 Thos. Muldowney	37	Braidwood	1	5			Back injured, pit car	126
	13 G. McMullon	49	Kangley	1	5			Body bruised, pit car	30
	17 William Fleming	24	Carbon Hill	1	1			do.	30
	18 Sam Gardner	31	LaSalle	1	2			Body bruised, falling from box car	118
	21 E. Columbia	32	Braceville	1				Body bruised, falling rock	40
	27 William Floyd	28	S. Wilmington	1				Body bruised, falling coal	35
	28 Anton Kellish	38	LaSalle	1	2			Head cut, falling rock	32
Aug.	1 Anton Joseph	18	Godley	1	1			Leg broken, falling rock	90
	2 Joe Rbel	23	Rutland	1				Hand injured, falling rock	35
	3 Steve Sanfranski	45	Oglesby	1	4			Leg broken, falling coal	60
	4 Roman Domsolski	22	LaSalle	1	1			Finger cut off, tail chain	35
	20 Don Vallemgo	43	S. Wilmington	1	4			Back strained, lifting car	35
	22 Ben Price	45	Braidwood	1	7			Leg broken, falling rock	50
	25 Albert Deen	29	Braceville	1	2			do.	121
	31 P. Bolo	44	S. Wilmington	1	4			Back strained, lifting car	35
Sept.	2 Chas. Hardy	43	LaSalle	1	7			Toe cut off, caught in cog wheel	40
	7 Andrew Sarraism	24	S. Wilmington	1				Foot broken, caught in screen	35
	11 Andrew Crasew	45	Braidwood	1	1			Leg broken, falling rock	98
	15 George Augerobroed.	20	Oglesby	1				Leg broken, caught by haul- age rope	90
	24 Paul Baldo	37	LaSalle	1	6			Ankle dislocated, falling rock	50
	29 John Bear	49	do.	1	1			Leg broken, pit car	70
Oct.	11 John Listino	22	Braidwood	1	1			Finger cut off, falling coal	49
	18 Joseph Eastwood	25	Kangley	1	1			Leg broken, pit cars	120
	19 M. Mikwisez	50	LaSalle	1	1			Arm broken, pit cars	40
	24 Jas. Jarus, Sr	55	Godley	1	1			Back bruised, falling rock	56
Nov.	1 L. Brown	25	Streator	1	1			Wrist broken, falling from scaffold	39
	5 John Grubi	55	LaSalle	1	1			Back bruised, falling rock	33
	5 Michael Mutz	45	Peru	1				Body bruised, falling coal	124
	7 Chas Lee	55	Streator	1	3			Leg broken, falling rock	95
	10 Martin Kennedy	35	do.	1	2			do.	96
	12 Peter Bertoli	20	Braceville	1				Leg broken, falling coal	100
	12 Louis Valentine	47	Braidwood	1	5			do.	56
	14 J. Chesterlerch	32	LaSalle	1				Leg injured, falling rock	36
	15 Fred Jones	43	S. Wilmington	1	1			Foot injured, falling rock	42
	15 Edward Stewart	20	Godley	1				Body bruised, falling rock	40
	16 Christ Franzeskioitch	34	Braceville	1				Leg broken, falling rock	109
	23 George Forsythe	48	S. Wilmington	1	3			Foot injured, falling coal	30
	26 Roy Fry	27	Morris	1	4			Body bruised, descending cage	90
	26 George Fry	33	do.	1				do.	35
	26 Albert Delbar	32	LaSalle	1	1			Back bruised, pit car	35
	30 Don Gilman	33	S. Wilmington	1	4			Foot bruised, falling rock	110
Dec.	4 A. Bandnovich	46	Kangley	1				Leg broken, falling rock	65
	6 Joseph Dennison	33	Braidwood	1	1			do.	100
	11 John Miconi	45	Coal City	1	5			Leg injured, falling coal	72
	11 L. Hawkins	20	S. Wilmington	1				Finger mashed, pit car	35
	14 Thos. Jasper	27	LaSalle	1	1			Foot mashed, pit car	39
	14 John Jarbi	19	S. Wilmington	1				Leg broken, falling coal	63
	15 Joseph Pavlio	44	Coal City	1	4			Collar bone broken, falling rock	36
	17 Bat Baidotta	39	S. Wilmington	1	2			Hip bruised, falling coal	35
	18 M. Paglero	18	Oglesby	1				Leg broken, falling rock	78
	21 John Evans	21	Kangley	1				Leg broken, flying coal	70
	21 C. Pankowski	52	LaSalle	1				Leg broken, falling coal	100
	24 Henry Gascoyne	62	Oglesby	1				Jaw broken, falling coal	70
	29 James Bray	62	Jonesville	1	2			Ankle sprained, falling rock	52
	29 Chas. Dogherty	52	Braidwood	1				Back bruised, falling rock	42
1907									
Jan.	2 John Mandoni	39	S. Wilmington	1	2			Face burned, p'wd'r explosion	64
	4 E. Clay	21	Kangley	1				Leg broken, fan shaft	100
	5 John Graygo, Sr.	55	Centerville	1				Jaw fractured, falling coal	52
	8 James Novack	22	Rutland	1				Finger cut off, falling coal	51
	8 David Anderson	22	Coal City	1				Leg broken, pit car	66
	9 John Verchmak	30	Streator	1				Foot injured, falling coal	30
	10 S. Limko	21	Kangley	1				Foot injured, falling rock	35

Non-Fatal Casualties—First District—Concluded.

Date.	Name.	Age.	Residence. (Town)	Married. Single.	Children.	No. persons dependent.	Character of Injury and Cause of Accident.	Time lost— days.
1907								
Jan. 21	J. Yokobiski.....	21	LaSalle.....	1	1		Hand injured, falling rock...	59
21	Mat Reardon.....	32	do.....	1	1	1	Leg injured, falling rock....	34
24	S. Meyer.....	35	Kangley.....	1	1	2	Foot injured, falling rock....	35
28	H. Pascoe.....	35	Oglesby.....	1	5	6	Knee sprained, falling rock..	30
28	Joe Malocka.....	30	do.....	1	1	2	Leg broken, falling rock.....	78
28	Joe Pratto.....	56	Carbon Hill.....	1	1		Foot injured, falling rock....	35
29	Joseph Wrone.....	22	LaSalle.....	1			Leg broken, falling coal.....	90
31	Joe Bocatto.....	22	S. Wilmington.....	1			Leg broken, falling rock.....	70
Feb. 6	Don Nietti.....	23	do.....	1			Eye injured, flying coal.....	49
9	S. Reisdor.....	36	do.....	1	3	4	Finger mashed, pit car.....	30
12	A. Bolleni.....	24	Coal City.....	1			Spine injured, falling rock....	93
18	P. Keenan.....	51	Rockwell.....	1	3	4	Hip bruised, falling coal.....	40
21	Pete Prusic.....	45	LaSalle.....	1	5	6	Body bruised, falling coal....	75
23	Thos. Dawson.....	35	Oglesby.....	1	6	7	Arm broken, pit car.....	*
25	James Shaw.....	31	Coal City.....	1	4	5	Foot injured, falling coal....	36
Mar. 9	Mike Borazil.....	27	Godley.....	1		1	Hand injured, falling rock....	49
10	John Thom, Jr.....	24	Coal City.....	1		1	Finger cut off, pit car.....	35
12	John Malmaski.....	35	Rutland.....	1	1	2	Arm bruised, falling coal....	30
19	William Stalker.....	31	Marseilles.....	1	1	2	Hand injured, pit car.....	30
20	Frank Slemiska.....	34	S. Wilmington.....	1		1	Hand injured, falling rock....	42
29	Steve Stevie.....	28	Streator.....	1	1	2	Foot injured, falling rock....	30
30	John Jackson.....	50	Braceville.....	1	1	2	Leg broken, falling coal.....	*
30	Paul Matude.....	40	S. Wilmington.....	1			Foot injured, falling rock....	35
April 8	John Baitholomew.....	22	do.....	1			Fing'r broken, kicked by mule	42
18	Dom Marchiando.....	27	do.....	1	1	1	Back bruised, falling rock....	35
18	Gus Beckhoff.....	26	Torino.....	1		1	Hand mashed, pit car.....	49
22	Joe Bartino.....	40	Godley.....	1	3	4	Leg injured, falling rock....	42
26	Don Armone.....	32	Torino.....	1	1	1	Leg injured, pick.....	35
26	John Stone.....	50	S. Wilmington.....	1	4	5	Foot injured, falling coal....	42
May 3	Joe Coats.....	35	LaSalle.....	1		1	Eye injured, flying coal.....	30
8	George Jashinski.....	56	Peru.....	1	5	6	Toe injured, falling rock....	*
13	S. Rossi.....	25	Braidwood.....	1			Leg broken, falling rock....	*
25	Dom Bordine.....	24	Oglesby.....	1			Leg broken, flying coal.....	*
29	William Pasker.....	55	do.....	1			Shoulder crushed, falling coal	*
June 8	J. Kurkowski.....	35	LaSalle.....	1			Leg broken, pit car.....	*
21	G. Cummings.....	55	Kangley.....	1	2	4	Leg injured, falling rock....	*
	Total.....			67	33	145	202	

*Not recovered July 1, 1907.

Total number of men injured.....	100
Not recovered July 1, 1907.....	8
Number recovered July 1, 1907.....	92
Time lost by men recovered, days.....	5,215
Average days lost by men recovered.....	56.7

Recapitulation of Non-Fatal Casualties—First District—1907.

Residence.	No.	Occupation.	No.	Cause of Accident.	No.	Colliery.	No.
Braceville	5	Blacksmith	1	Cage	2	Acme Coal Co	2
Braidwood	8	Drivers	11	Cog wheel	1	Braceville Coal Co	11
Carbon Hill	2	Fireman	1	Falling coal	23	Big Four Wilm. Coal Co. ...	2
Centerville	1	Laborers	5	Falling from box car ..	1	Chi., Wilm. & Ver. Coal Co.	23
Coal City	6	Miners	76	Falling off scaffold ..	1	Illinois Zinc Co	4
Godley	5	Roadmen	3	Falling rock	43	James Cahill Estate	1
Jonesville	1	Timbermen	2	Fan shaft	1	Joliet-Wilm. Coal Co	1
Kangley	8	Weighman	1	Flying coal	4	LaSalle County C. C. Co ...	20
LaSalle	18			Haulage rope	1	M. & H. Zinc Co	1
Marseilles	1			Kicked by mule	1	Murphy, Keenan & Co	6
Morris	2			Lifting car	2	Mrs. E. Hakes	3
Oglesby	9			Pick	1	Manufacturers' Coal Co. ...	1
Peru	2			Pit cars	16	Oglesby Coal Co	5
Rockwell	1			Powder explosion	1	Star Coal Co	9
Rutland	3			Shaker screen	1	Wilm. C. M. & Mfg. Co	3
S. Wilmington	20			Tail chain	1	Wilmington Star Min. Co.	6
Streator	6					Wm. Wood	2
Torino	2						
Totals	100		100		100		100

Table Showing the Nature of Injuries, Number of Persons Injured, Dependents, Time Lost, with Averages and Percentages.

NATURE OF INJURIES.	Number.	Married.	Single.	Dependents.	TIME LOST.		Per cent of injuries.
					Total days.	Average days.	
Ankle dislocated	1	1	.....	7	50	50.00	1.00
Ankle sprained	1	1	.....	3	52	52.00	1.00
Arms broken	3	2	1	9	79	39.50	3.00
Arms injured	1	1	.....	2	30	30.00	1.00
Backs injured	9	7	2	21	490	54.45	9.00
Bodies bruised	10	6	4	21	627	62.70	10.00
Collar bone broken	1	1	.....	5	36	36.00	1.00
Eyes injured	2	1	1	1	79	39.50	2.00
Face burned	1	1	.....	3	64	64.00	1.00
Fingers cut off	4	3	1	4	170	42.50	4.00
Fingers mashed	3	1	2	4	107	35.67	3.00
Foot broken	1	.....	1	.....	35	35.00	1.00
Feet injured	13	10	3	29	544	41.85	13.00
Hands injured	6	5	1	6	264	44.00	6.00
Head cut	1	1	.....	3	32	32.00	1.00
Jaws broken	2	2	.....	2	122	61.00	2.00
Knee injured	2	1	1	6	65	32.50	2.00
Legs broken	28	14	14	41	2,035	84.79	28.00
Legs injured	8	7	1	21	294	42.00	8.00
Shoulder crushed	1	.....	1	.....	.....	.....	1.00
Toe cut off	1	1	.....	8	40	40.00	1.00
Toe injured	1	1	.....	6	.....	.....	1.00
Totals, averages and percentages ...	100	67	33	202	5,215	56.68	100.00

Grundy County—First District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Chi., Wilm. & Ver. Coal Co. No. 2...	S. Wilmington	174,461			9,202	52,935
2	Chi., Wilm. & Ver. Coal Co. No. 1...	do.	154,752			10,775	45,049
3	Braceville Coal Co. No. 6	Braceville	122,642				34,714
4	Big Four Wilm. Coal Co. No. 5.....	Carbon Hill.....	105,407				32,695
5	Big Four Wilm. Coal Co. No. 6.....	do.	103,526			27	25,229
6	Big Four Wilm. Coal Co. No. 3.....	do.	89,227			1,125	22,462
7	Braceville Coal Co. No. 5	Braceville	80,427				24,346
8	Wilmington Star Mining Co. No. 6...	Coal City	49,091				37,503
9	Wilmington Star Mining Co. No. 5...	do.	34,066				13,953
10	Wilmington Star Mining Co. No. 7...	do.	21,201				20,129
Totals			934,800			21,129	309,015
LOCAL MINES.							
1	Braidwood-Wilm. Coal Co.	Braceville	6,000				300
2	James Heather	Morris	3,281				200
3	Byrnes & Fleming.....	do.	3,000				50
4	William Mitchell	do.	2,200				300
5	J. K. Telfer	do.	2,000				300
6	Wood Coal Co.	do.	2,110				165
7	James Bell	do.	1,857				350
8	Morris Coal Co.	do.	1,545				510
9	Mitchell Bros	do.	1,248				800
10	Frank Gilbride	do.	1,900				100
11	J. H. Cryer	do.	1,500				300
12	Henry Tasdall	do.	988				16
Totals			27,629				3,391
Totals—22 mines			962,429			21,129	312,406

Mines reported for 1906, 24.

Mines abandoned, 2.

Mines in 1907, 22.

Grundy County—First District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	236,598	\$351,749	225,123	.....	5,710	5,765	232	236,598	337	140	477	1
.....	210,576	315,596	200,627	.....	1,605	8,344	236	210,576	304	87	391	2
6,200	163,556	229,320	155,144	.....	342	8,070	260	163,556	209	81	290	3
9,120	147,222	153,635	134,646	.....	3,456	9,120	288	147,222	201	75	276	4
4,748	133,530	149,211	126,217	.....	2,565	4,748	283	133,530	198	81	279	5
4,846	117,660	130,223	112,694	.....	120	4,846	251	117,660	178	51	229	6
.....	104,773	148,116	97,456	.....	2,877	4,440	208	104,773	177	73	250	7
1,520	88,114	89,620	86,594	.....	1,520	.....	252	88,114	139	58	197	8
615	48,634	57,362	42,956	.....	5,063	615	277	48,634	79	51	130	9
4,184	45,514	40,277	41,330	.....	.....	4,184	282	45,514	60	39	99	10
31,233	1,296,177	\$1,665,109	1,222,787	.....	23,258	50,132	257	1,296,177	1,882	736	2,618	
.....	6,300	\$15,300	.....	.....	6,300	.....	120	6,300	10	3	13	1
.....	3,481	9,223	.....	.....	3,481	.....	210	3,481	8	2	10	2
.....	3,050	8,328	.....	.....	3,050	.....	200	3,050	8	1	9	3
.....	2,500	6,350	.....	.....	2,500	.....	220	2,500	7	1	8	4
.....	2,300	5,060	.....	.....	2,300	.....	200	2,300	7	1	8	5
.....	2,275	6,058	.....	.....	2,275	.....	203	2,275	10	1	11	6
.....	2,207	5,457	.....	.....	2,207	.....	235	2,207	6	1	7	7
.....	2,055	3,244	.....	.....	2,055	.....	170	2,055	10	2	12	8
.....	2,048	4,672	.....	.....	2,048	.....	156	2,048	7	1	8	9
.....	2,000	5,325	.....	.....	2,000	.....	152	2,000	7	1	8	10
.....	1,800	4,590	.....	.....	1,800	.....	120	1,800	6	1	7	11
.....	1,004	2,782	.....	.....	1,004	.....	167	1,004	6	1	7	12
.....	31,020	\$76,389	.....	.....	31,020	.....	179	31,020	92	16	108	
31,233	1,327,197	\$1,741,498	1,222,787	.....	54,278	50,132	.....	1,327,197	1,974	446	2,726	

Kankakee County—First District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINE.							
1	Consolidated Coal & Iron Co	Clarke City ...	9,794	23,842	.....	645	.....

Mines reported for 1906, 1.
Mines in 1907, 1.

Kankakee County—First District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
3,547	37,828	\$54,333	33,636	.....	1,067	3,125	247	37,828	46	39	85	1

LaSalle County—First District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	LaSalle Co. Carbon Coal Co., No. 1.	LaSalle	604	129,005	56,030	.....	53,875
2	Oglesby Coal Co., Oglesby.....	Oglesby	12,991	144,527	2,692	298	30,919
3	LaSalle Co. Carbon Coal Co., Union	LaSalle	2,081	78,467	57,049	.....	33,227
4	Acme Coal Co., Acme	Streator .....	.....	83,862	.....	8,369	36,238
5	LaSalle Co. Car. Coal Co., Rockwell.	LaSalle	6,900	61,072	34,085	.....	24,595
6	Chi., Wilm. & Ver. Coal Co., No. 2.	Streator .....	.....	87,654	4,308	.....	31,269
7	James Cahill Estate, Cahill mine.....	Peru	8,594	62,472	.....	.....	6,066
8	LaSalle Co. Carbon Coal Co., LaSalle	LaSalle	23,140	31,799	3,388	.....	12,434
9	Star Coal Co., No. 5.....	Kangley	6,123	40,623	.....	.....	19,354
10	Illinois Zinc Co., No. 1.....	Peru	62,198	.....	.....	.....	.....
11	Howe Coal Co., No. 1	Streator	20,440	26,722	.....	.....	10,829
12	Star Coal Co., No. 4	Kangley .....	.....	38,119	.....	7,443	9,090
13	Mrs. E. Hakes, No. 2	Rutland	22,024	24,968	.....	.....	5,700
14	LaSalle Co. Carbon Coal Co., No. 5.	Cedar Point.....	6,520	235	.....	.....	.....
15	William Francis & Co., No. 1.....	Streator	500	2,500	.....	.....	546
16	Chi., Wilm. & Ver. Coal Co., No. 1.	do. ....	.....	411	560	.....	381
Totals			172,115	812,436	158,112	16,110	274,523
LOCAL MINES.							
1	Munts Bros.....	Streator .....	.....	5,160	.....	.....	1,720
2	Evans Bros	do. ....	.....	3,240	.....	.....	1,640
3	Nelson & Stokes	do. ....	.....	3,650	.....	.....	900
4	Edward E. Evans.....	do. ....	.....	1,444	.....	.....	1,937
5	Harr Bros	do. ....	.....	1,800	.....	.....	400
6	Steele & Johnson.....	Ottawa .....	.....	1,330	.....	.....	6
7	William Bottomley	Lowell .....	.....	900	.....	.....	200
8	Louis Evans & Sons.....	Kangley .....	.....	600	.....	.....	100
9	Kickapoo Coal Co.	Seneca .....	.....	558	.....	.....	109
10	Joseph Warnick	Lowell .....	.....	550	.....	.....	50
11	Joseph Starkey	Wilsman .....	.....	400	.....	.....	100
12	Adam Crompton	Ottawa .....	.....	440	.....	.....	25
13	Jerry Pratt	Lowell .....	.....	409	.....	.....	25
14	John McNeil	Kangley .....	.....	300	.....	.....	50
15	Chas. Hendee	Ottawa .....	.....	300	.....	.....	50
16	James McCullough	do. ....	.....	300	.....	.....	15
17	Oscar Kunes	Streator .....	.....	250	.....	.....	50
18	William Mertz	Ottawa .....	.....	228	.....	.....	50
19	Brooker Bros	Lowell .....	.....	200	.....	.....	50
20	George Steel	Ottawa .....	.....	185	.....	.....	25
21	Chas. Hepp.	do. ....	.....	100	.....	.....	25
22	M. & H. Zinc Co	LaSalle .....	.....	125,253	.....	.....	.....
23	Manufacture Coal Co	Marselles .....	.....	25,567	.....	.....	.....
Totals .....			.....	173,164	.....	.....	7,527
Totals—39 mines.....			172,115	985,600	158,112	16,110	282,050

Mines reported for 1906, 41.

New mines, 4.

Abandoned mines, 6.

Mines in 1907, 39.

LaSalle County—First District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mines.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employees.	Total.	
.....	239,514	\$391,117	230,159	.....	1,745	7,610	263	239,514	307	144	451	1
.....	191,427	306,615	176,960	.....	4,672	9,795	267	191,427	224	118	342	2
.....	170,824	283,664	103,307	36,775	27,560	3,182	261	170,824	257	116	373	3
28,340	156,809	198,638	116,721	.....	11,748	28,340	236	156,809	200	78	278	4
.....	126,652	210,136	120,684	.....	.....	5,969	265	126,653	193	77	270	5
.....	123,231	170,663	106,499	.....	3,693	13,039	178	123,231	225	72	297	6
370	77,502	164,473	19,063	32,280	23,789	2,370	279	77,502	114	51	165	7
.....	70,761	112,745	30,664	22,372	15,563	2,161	222	70,760	142	100	242	8
1,029	67,129	87,308	66,100	.....	.....	1,029	222	67,129	96	29	125	9
.....	62,198	93,297	60,361	.....	541	1,296	305	62,198	85	56	141	10
.....	57,991	92,493	40,961	.....	16,670	360	249	57,991	49	11	71	11
960	55,612	76,320	53,526	.....	1,126	960	251	55,612	138	29	167	12
.....	52,692	82,290	22,950	21,694	2,348	5,700	228	52,692	105	49	154	13
.....	6,755	7,909	5,020	.....	235	1,500	124	6,755	60	16	76	14
.....	3,546	6,023	1,400	.....	2,146	.....	111	3,546	9	3	12	15
.....	1,352	1,781	1,352	.....	.....	.....	6	1,352	105	62	167	16
30,699	1,463,995	\$2,285,472	1,155,727	113,121	111,836	83,311	217	1,463,995	2,309	1,022	3,331	
.....	
.....	6,880	\$11,610	.....	.....	6,880	.....	200	6,880	18	6	24	1
.....	4,880	7,677	.....	.....	4,880	.....	290	4,880	8	3	11	2
.....	4,559	7,915	.....	.....	4,550	.....	230	4,550	6	2	8	3
.....	3,381	4,125	.....	.....	3,381	.....	280	3,381	6	2	8	4
.....	2,200	2,956	.....	.....	2,200	.....	200	2,200	6	1	7	5
.....	1,336	2,668	.....	.....	1,336	.....	175	1,336	5	1	6	6
.....	1,100	1,960	.....	.....	1,100	.....	300	1,100	3	.....	3	7
.....	700	1,400	.....	.....	700	.....	130	700	3	.....	3	8
.....	667	1,836	.....	.....	667	.....	82	667	5	1	6	9
.....	600	1,003	.....	.....	600	.....	110	600	4	1	5	10
.....	500	1,050	.....	.....	500	.....	140	500	3	1	4	11
.....	465	905	.....	.....	465	.....	230	465	2	1	3	12
.....	434	843	.....	.....	434	.....	200	434	2	1	3	13
.....	350	650	.....	.....	350	.....	127	350	2	1	3	14
.....	350	625	.....	.....	350	.....	140	350	2	.....	2	15
.....	315	619	.....	.....	315	.....	70	315	3	.....	3	16
.....	300	550	.....	.....	300	.....	135	300	3	.....	3	17
.....	278	519	.....	.....	278	.....	70	278	2	.....	2	18
.....	250	450	.....	.....	250	.....	80	250	2	.....	2	19
.....	210	395	.....	.....	210	.....	70	210	2	.....	2	20
.....	125	225	.....	.....	125	.....	60	125	2	1	3	21
.....	125,253	187,880	.....	.....	125,253	.....	277	125,253	70	34	104	22
.....	25,567	51,134	.....	.....	25,567	.....	258	25,567	65	30	95	23
.....	180,691	\$288,998	.....	.....	29,871	150,820	168	180,691	224	86	310	
30,699	1,644,686	\$2,574,470	1,155,727	113,121	141,707	234,131	.....	1,644,686	2,534	1,108	3,641	

Will County—First District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine-run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Wilmington Coal M. & Mfg. Co.No.6	Torino	757	48,939	12,251	.....	12,428
2	Murphy, Keenan & Co	Braidwood	852	38,371	5,380	.....	11,861
3	Joliet-Wilmington Coal Co.	do.	1,630	32,596	.....	1,618	11,577
Totals			3,239	119,906	17,631	1,618	35,866
LOCAL MINES.							
1	O'Connor & Co , O'Connor	Braidwood		3,000	.....		500
2	Little Wil. Coal Co., No. 1.....	do.		2,440	.....		488
Totals				5,440	.....		988
Totals—5 mines.....			3,239	125,346	17,631	1,618	36,854

Mines reported for 1906, 6.

Abandoned mines, 1.

Mines in 1907, 5.

Will County—First District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	74,375	\$113,531	69,848	.....	1,527	3,000	287	74,375	135	45	180	1
1,080	57,544	81,159	51,189	.....	5,275	1,080	222	57,544	102	40	142	2
2,570	49,991	77,832	45,671	.....	1,750	2,570	251	49,991	116	38	154	3
3,650	181,910	\$272,522	166,708	.....	8,552	6,650	253	181,910	353	123	476	
.....	3,500	\$8,000	.....	.....	3,500	.....	150	3,500	8	3	11	1
.....	2,928	6,832	.....	.....	2,928	.....	122	2,928	8	3	11	2
.....	6,428	\$14,832	.....	.....	6,428	.....	136	6,428	16	6	22	
3,650	188,338	\$287,354	166,708	.....	14,980	6,650	.....	188,338	369	129	498	

Shipping Mines—Recapitulation by Counties—

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Grundy.	10	.....	934,800	.....	21,129	309,015	31,233	1,296,177	\$0.87	.....
Kankakee.	1	9,794	23,842	.....	645	.....	3,547	37,828	0.64	.....
LaSalle.	16	72,115	812,436	158,112	16,110	274,523	30,699	463,995	0.78	.....
Will.	3	3,239	119,906	17,631	1,618	35,866	3,650	181,910	0.87	.....
Totals and av.	30	185,148	1,890,984	175,743	39,502	619,404	69,129	2,979,910	\$0.825	.....

Local Mines—Recapitulation by Counties—

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Grundy.	12	.....	27,629	.....	.....	3,391	.....	31,020	\$1.393	.....
LaSalle.	23	.....	173,164	.....	.....	7,527	.....	180,691	0.688	.....
Will.	2	.....	5,440	.....	.....	988	.....	6,428	1.00	.....
Totals and av.	37	.....	206,233	.....	.....	11,906	.....	218,139	\$0.706	.....
Totals, districts—all mines.	67	185,148	2,097,217	175,743	39,502	631,310	69,129	3,198,049	.....	.....

Whole number of mines reported in 1906, 72.
 Number of new mines opened during the year, 3.
 Number of mines abandoned during the year, 8.
 Whole number of mines reported in 1907, 67.

First District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYEES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employes.	Total.
257	1,296,177	.....	.....	\$1.606	.....	\$1.679	\$0.415	.....	1,882	756	2,638
247	37,828	.....	\$1.00	1.55	.....	1.35	.....	\$0.65	46	39	85
217	463,995	.....	0.5738	1.814	\$1.830	1.344	0.828	0.628	2,309	1,022	3,331
253	181,910	.....	1.5579	1.755	1.604	1.75	0.651	0.706	353	123	476
245	2,929,910	.....	\$1.5674	\$1.702	\$1.808	\$1.54	\$0.612	\$0.667	4,590	1,940	6,530

First District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYEES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employes.	Total.
179	31,020	.....	.....	\$2.608	.....	.....	\$1.263	.....	92	16	108
168	180,691	.....	.....	1.637	.....	.....	0.738	.....	224	86	310
136	6,428	.....	.....	2.50	.....	.....	1.247	.....	16	6	22
164	218,139	.....	.....	\$1.79	.....	.....	\$0.929	.....	332	108	440
.....	3,198,049	.....	.....	.....	.....	.....	.....	.....	4,922	2,028	6,950

SECOND INSPECTION DISTRICT—1907.

SECOND ANNUAL REPORT.

Counties—Bureau, Henry, Knox, Mercer, Rock Island, Warren.

THOMAS HUDSON, *Inspector*, Galva.

HON. DAVID ROSS,

Secretary, State Bureau of Labor Statistics, Springfield, Ill.

SIR—In compliance with section 12 of an Act of the General Assembly of Illinois, defining and setting forth the duties of State inspectors of coal mines, and providing for the safety and better preservation of the health and comfort of persons employed in the coal mines, I have the honor of submitting the Second Annual report of the coal mines located in the second inspection district as now formed, comprising the coal producing counties of Bureau, Henry, Knox, Mercer, Rock Island and Warren.

This is the second annual report submitted under the law of General Assembly of 1905, by which the State was redistricted, and the number of inspection districts and State inspectors of mines increased from seven to ten; and is the twenty-fourth annual report presented since the inception of the Mining law passed by the General Assembly of 1883, by which, the office of State Inspectors of Coal Mines was created.

The tabular information in this report contains all the necessary information regarding the number of miners and other employes, underground and on the surface, engaged in the coal mining industry of the district; the number of mines of both classes, commercial and local; the vertical depth of the various shafts and slopes; the geological number and thickness of the various coal seams that are being worked in the district; the amount of powder consumed in blasting coal and other mining operations; the number of accidents, fatal and non-fatal, that have occurred during the year; the number of tons of coal of the various grades that have been produced, with the mining and selling price per ton for the same.

The averages, ratios and percentages are also given, in fact the information here shown will give a fairly comprehensive idea of the mining situation as it exists in the second inspection district.

The following summary for the district is presented for the year ending June 30, 1907.

Number of shipping mines.....	16
Number of mines in local trade only.....	123
Total number of mines, all classes.....	139
Number of miners employed.....	4,241
Number of other employes underground.....	1,013
Number of boys underground.....	121
Number employed on the surface.....	462
Total number of employes.....	5,837

Number of kegs of powder consumed, for all purposes.....	47,013
Tons of mine run coal produced.....	155,853
Tons of lump coal.....	1,926,438
Tons of all other grades combined.....	564,959
Total product in tons of 2,000 pounds.....	2,647,250
Tons shipped on cars at the mines.....	2,256,765
Tons sold to local trade.....	275,511
Tons used for steam purposes at the mines.....	87,569
Tons supplied to locomotives at the mines.....	27,405
Aggregate value of the total product.....	\$3,891,333
Number of fatal accidents.....	11
Number of non-fatal accidents.....	108
Total number of accidents.....	119
Number of employes to each fatal accident.....	531
Number of employes to each non-fatal accident.....	54
Tons of coal produced to each fatal accident.....	240,659
Tons of coal produced to each non-fatal accident.....	24,512
Tons of coal produced to each miner employed.....	624
Tons of coal produced to each employe, all classes.....	453
Ratio of fatal accidents per 1,000 persons employed.....	1.88

COMPARATIVE TABLE.

The following comparative table shows the product in tons in the different coal producing counties in the district for the years ending June 30, 1906 and 1907.

COUNTIES.	TOTAL PRODUCT OF ALL GRADES OF COAL, IN TONS OF 2,000 LBS.		Increase.	Decrease.
	1906	1907		
Bureau.....	1,547,456	1,891,900	344,444	.....
Henry.....	162,429	173,587	11,158	.....
Knox.....	62,286	42,668	.....	20,618
Mercer.....	448,088	458,472	10,384	.....
Rock Island.....	74,021	66,513	.....	7,508
Warren.....	16,214	14,110	.....	2,104
Totals.....	2,311,494	2,647,250	365,986	30,230
Net increase.....	.....	.....	335,756	.....

The coal producing counties of Bureau, Henry and Mercer, show an increase over the year previous of 365,986 tons, and the counties of Knox, Rock Island and Warren a combined loss of 30,230 tons, leaving a net increase in the district over 1906 of 335,756 tons.

This increase is due entirely to the rapid development of the St. Paul Coal Co.'s Mine located at Cherry, Bureau county; the output for the year being 348,941 tons.

NEW MINES.

One mine only of the shipping class, has gone into operation during the year; the Kewanee Coal Co.'s shaft No. 2 located at Kewanee, Henry county, which began active operation about March 1, 1907. The surface equipment of this mine is excellent; the shaft tower is constructed of steel; the machinery consists of Litchfield winding engines, direct acting, or first motion, cylinders 18 inches in diameter by 32 inches stroke; winding drum 6 feet in diameter, a 12-foot ventilating fan, shaker screen; self dumping cages, etc., in fact the tower and machinery are by far the best and most complete that have been erected in Henry county.

The coal seam underground, however, is not so promising. It contains many clay slips, horse-backs and other irregularities, so common to seam No. 6 of the Illinois geological section.

The Marquette Coal Company's mine, located at Marquette, Bureau county, the *top works and shaft* of which were destroyed by fire in December, 1905, have been thoroughly renewed. The shaft has been resunk and retimbered, a new tower erected and coal hoisting was again resumed in October, 1906.

MINES ABANDONED.

The mines of the shipping class that have been abandoned permanently or temporarily during the year are as follows: The Alden Coal Company's mine No. 4, located at Gilchrist, Mercer county, was worked out and abandoned November 4, 1906. The Atlas Coal Company's mine No. 2, located at Galva, Henry county, was worked out and abandoned May 11, 1907. The Etherley Coal Company's mine No. 3, located at Etherley, Knox county, ceased operations July 1, 1906, and has not been in operation since. This mine is not worked out, the company owning many acres of coal land in the vicinity. The cause of the closing of the mine is not generally known, and whether it will be reopened again or not is at present quite problematical.

In January, 1907, a sudden rise of the water in Camp creek flooded the old Ellis slope, and from the old workings thereof the water ran into the workings of the Coal Valley Mining Company's shaft No. 1, located at Cable, Mercer county. This put the mine out of action. After pumping night and day for a month the mine was practically cleared of water, but mining was not resumed. It is quite likely that operations will again be commenced in the fall of 1907 and continued until the spring of 1908, about which time the remaining coal will be exhausted and the mine worked out.

The following is a statement in detail of the fatal accidents that have occurred in the second inspection district during the year ended June 30, 1907:

July 30, 1906, August Commiant, miner, aged 45 years, married, was severely crushed through the body by falling coal at the face of his working room in the Spring Valley Coal Company's mine No. 4 at Seatonville, Bureau county. He died from the injuries March 27, 1907, nearly eight months after the accident. He leaves a widow and five children dependent.

September 26, 1906, Charles Daugherty, driver, aged 22 years, single, was killed instantly by being crushed under a trip of loaded pit cars in the Spring Valley Coal Company's mine No. 1 at Spring Valley, Bureau county. Deceased was driving a three mule team from an inside parting to the bottom of the shaft. He left the parting with a trip of nineteen loaded cars and had gone about 200 yards when by some means he fell in front of the trip and eight of the loaded cars passed over him. His body was found under the ninth car. He was alone at the time of the accident, and just how he was thrown under the trip will probably never be known.

November 2, 1906, Anton Motto, driver, aged 32 years, single, had his leg severely crushed between an empty pit car and a cog, in the Marquette Coal Company's mine, located at Marquette, Bureau county. Deceased was going in with a trip of two empty cars. On coming to a switch he failed to guide the cars in the proper direction; therefore, the mule went straight along, the cars running into the switch. Motto jumped in front of the cars to stop them, but failed, and they were pulled off of the track against the cog, crushing his leg. He was removed to the hospital at LaSalle, where the leg was amputated, but he died of lockjaw November 14, twelve days after the accident.

December 11, 1906, Gessani Ferdinando, company man, aged 29 years, married, working in No. 5 mine of the Spring Valley Coal Company at Dalzell, Bureau county, was found dead, sitting on a pit car loaded with coal to which a mule was attached. Deceased was engaged in brushing a roadway, working on the night shift. He took a mule into an entry to pull out a car of coal. Shortly afterwards he was found sitting on the car of coal,

dead, without any external marks to show the cause of his death. However, at the inquest the surgeons testified that they had found that his neck was broken, but just how it had occurred could not be ascertained, the probability being that he was caught between the roof of the entry and top of the loaded car. He leaves a widow and two children in Italy.

December 29, 1906, Anton Towrosa, miner, aged 29 years, single, was severely crushed through the abdomen by falling coal at the face of his working room in the Spring Valley Coal Company's mine No. 2, Spring Valley, Bureau county. Deceased was in the act of lying down, undermining the coal, when a large mass, that would weigh about 1,500 pounds, suddenly fell, crushing him through the abdomen, from the effects of which he died twenty-six hours after the accident. Neglect to properly sprag up the coal may be given as the cause of this accident.

January 31, 1907, Joseph W. Zeigler, miner and operator, aged 27 years, single, was killed instantly by falling roof at the face of his working room in Zeigler Bros.' local mine, about three miles from Coal Valley, Rock Island county. Deceased and his brother operated a local mine. They employed no help whatever, mining, hoisting and selling the coal themselves. This brother was at work in his room. He knew the roof was dangerous and had evidently, as he supposed, thoroughly secured the same by propping. A large slab, twelve feet long, three feet wide and an average thickness of fully three inches, suddenly fell, crushing him underneath. He was dead when found by his brother, about ten minutes after the roof fell.

February 7, 1907, Augusto Christofero, miner, aged 41 years, single, was severely crushed through the neck and breast by being caught between falling coal and a prop at the face of his working room in the Spring Valley Coal Company's mine No. 4, Seatonville, Bureau county.

Deceased, with a partner, was working in a room. They had prepared a large break or fall of coal. Christofero had removed the sprags, but the coal did not fall. Just as he commenced to wedge it down the whole mass, about four tons, suddenly fell and he was caught between a standing prop and the falling coal, crushing him in such a manner that he died in thirty minutes, or before he could be removed from the mine.

February 16, 1907, George Zinkis, miner, aged 50 years, married, had his leg broken and otherwise severely crushed by falling coal at the face of his working room in the Spring Valley Coal Company's mine No. 2, Spring Valley, Bureau county. Deceased, with a partner, was engaged in taking down coal and throwing it out to the roadhead. While so engaged a mass of coal, about half a ton, suddenly fell, breaking his leg and bruising him generally. His injuries were not considered serious at the time, but, according to the opinion of the attending physician, the shock to the system and a naturally weak heart combined caused his death four and one-half days after the accident. He leaves a widow, no children.

April 8, 1907, Ricardo Milani, miner, aged 41 years, married, was killed instantly by having his head crushed between loaded pit cars in the Illinois Third Vein Coal Company's mine No. 1, Ladd, Bureau county. This accident took place about 7:15 a. m., when the miners were leaving the shaft bottom to go to their working places. Deceased, in passing along between the full and empty tracks on the shaft parting, met a driver with a three-mule team and a trip of loaded cars coming out. Instead of getting on the empty track and out of the way, he got on the full track and was caught between the loaded trip of cars coming out and a trip of loaded cars standing on the shaft parting. He leaves a widow and three children in Italy.

May 9, 1907, William C. Hoover, driver, aged 23 years, single, was severely crushed internally by being caught under a trip of loaded pit cars in the Empire Coal Company's mine No. 3, Gilchrist, Mercer county. Deceased was coming down a grade in the eleventh east entry with two loaded pit cars, riding on the front of the car and tail chain, a rather dangerous custom. By some means unknown, as no one was near him at the time, he fell in front of the rapidly moving cars. His light was extinguished. Another driver, following down the grade with three loaded cars, not knowing of

the accident, ran into the first trip, pushing the front car on top of the deceased. He was extricated as soon as possible and removed from the mine; medical aid was secured, but he died from the injuries three hours later.

May 17, 1907, Joseph Bardsley, driver, aged 23 years, single, was severely crushed internally by being thrown in front of a trip of moving loaded pit cars in the Coal Valley Mining Company's mine No. 2, Sherrard, Mercer county. This accident occurred at the parting on the main north entry. Deceased was having some trouble with the mule. He was driving a vicious animal. He had hold of the lines when suddenly the mule gave a lunge with sufficient force to throw Bardsley across from the empty to the full track, where he fell in front of a rapidly moving trip of two loaded cars. Before these cars could be stopped the front one ran on to him, crushing him internally. He died from the injuries about one hour after the accident.

Following are the usual tables and schedules for each county in the Second Inspection district.

Respectfully submitted,

THOMAS HUDSON,

State Inspector of Mines, Second District, Galva, Ill.

Fatal Casualties—Second District—July 1, 1907.

Date.	Name.	Age.	Occupation.	Residence. (Town)	Married.	Widows.	Children.	Single.	Persons dependent.	Cause of Accident.
1906										
July 30	August Commiant...	45	Miner.	Seatonville...	1	1	5		6	Falling coal.
Sept. 26	Chas. Daugherty...	22	Driver	Spring Valley.			1			Pit cars
Nov. 2	Anton Motto.	32	do.	Marquette			1			do.
Dec. 11	Gessani Ferdinando	29	Co. man.	Dalzell	1	1	2		3	do.
Dec. 29	Anton Towrosa	29	Miner	Spring Valley.				1		Falling coal.
1907										
Jan. 31	Joseph W. Zeigler.	27	Miner and op- erator	Coal Valley ...				1		Falling roof.
Feb. 7	August Cristoforo.	41	Miner	Seatonville...			1		1	Falling coal.
Feb. 16	George Zinkis.....	50	do.	Spring Valley.	1	1			1	do.
April 8	Ricardo Milani.....	41	do.	Ladd	1	1	3		4	Pit cars
May 9	William C. Hoover.	23	Driver	Gilchrist				1		do.
May 17	Joseph Bardsley. ..	23	do.	Sherrard				1		do.
	Totals.....				4	4	10	7	14	

Recapitulation of Fatal Casualties—Second District—1907.

Residence.	No.	Occupation.	No.	Nature of Casualty.	No.	Colliery.	No.
Coal Valley ...	1	Co. man.	1	Pit car and roof ...	1	Coal Valley Mining Co.....	1
Dalzell	1	Driver	4	Falling coal	4	Empire Coal Co.....	1
Gilchrist	1	Miner.	5	Falling roof	1	Illinois 3d Vein Coal Co....	1
Ladd	1	Miner and op- erator	1	Pit cars.	5	Marquette Coal Co.	1
Marquette ...	2					Spring Valley Coal Co.....	6
Seatonville ...	1					Zeigler Bros.	1
Sherrard	1						
Spring Valley.	3						
Totals.....	11		11		11		11

Non-Fatal Casualties—Second District—July 1, 1907.

Date.	Name.	Age	Residence (Town).	Married.	Single.	Children.	No. persons dependent.	Character of Injury and Cause of Accident.	Time lost—days.
1906									
July 6	Peter Gregolonis	29	Spring Valley.	1		3	4	Head cut, falling roof.	68
6	Frank Baladinski	17	do.	1				Leg broken, pit car	*
7	F. Gergernetto	55	do.	1		2	3	Leg broken, falling coal	*
9	G. Peradotti	18	Dalzell	1				Back bruised, falling coal	58
12	Thos. Patterson	19	Spring Valley.	1				Leg broken, pit car	*
12	John Donis	40	do.	1				Leg bruised, platform	47
14	George Baxter	47	do.	1		4	5	Hand bruised, falling coal	30
15	Andrew Bowman	70	Galva	1				Leg broken, falling coal	200
31	Chas. Staught	22	Kewanee	1		1	2	Back severely injured, falling roof	*
Aug. 14	Pat McCarty	34	Seatonville	1		5	6	Hand crushed, falling roof	*
20	Benj. Johnson	48	Cable	1		6	7	Collar bone broken, falling coal	50
24	Wm. Baxter	18	Spring Valley.	1				Body bruised, pit car.	280
24	Louis Ottino	46	do.	1		3	4	Collar bone broken, falling coal	65
24	John Durney	30	Gilchrist	1		2	3	Finger cut off, pit cars.	45
Sept. 8	O. Sandeen	47	Cherry	1		4	5	Back bruised, falling roof	30
10	John Negray	16	do.	1				Leg broken, pit car	60
10	Angelo Foli	33	Spring Valley.	1			1	Back injured, falling roof	30
11	Jas. Marietta	43	do.	1		1	2	Back injured, pit car.	*
17	Joe Casassa	44	do.	1		4	5	Collar bone broken, falling coal	63
22	Victor Swanson	44	Seatonville	1				Ankle crushed, falling coal	*
25	Jas. Capilano	34	Dalzell	1				Finger broken, falling roof	30
26	Joe Sellers	28	Spring Valley.	1				Head cut, falling roof	30
Oct. 1	Thos. Richards	18	Cherry	1				Finger crushed, pit car	30
2	Pat McCormick	36	Spring Valley.	1				Foot bruised, falling coal	34
17	Jas. Lusinski	34	do.	1		3	4	Arm bruised, steam ram	97
18	F. M. Mulholland	28	Cherry	1				Face burned, blown out shot	20
18	P. Saggart	44	do.	1		7	8	do.	20
23	Sol. Emilio	43	Spring Valley.	1				Finger broken, falling roof	30
24	John Wilson	23	do.	1		1	2	Foot bruised, pit car.	46
26	Chas. Maccoc	22	do.	1				Hand bruised, pit car	46
26	John Lenzie	21	Dalzell	1				Ankle bruised, falling coal	38
27	Passeni Germani	24	do.	1		1	2	Toe broken, falling coal	30
30	Geo. Bondakitus	38	Spring Valley.	1		4	5	Foot bruised, falling coal	30
Nov. 1	John Herman	26	do.	1				Finger bruised, pit car.	30
2	R. Champley	19	Seatonville	1				Foot bruised, pit car.	30
2	John Valesano	36	Ladd	1		6	7	Leg crushed, pit car	*
8	Wm. Frey	47	Gilchrist	1		2	3	Foot bruised, falling coal	30
9	Ed Guthrie	42	do.	1		2	3	Hand injured, pit cars	30
9	J. Negray	21	Cherry	1		2	3	Finger crushed, pit car	30
14	Steve Grivetta	24	Seatonville	1				Back bruised, falling roof	30
21	Ernest Farquin	21	Dalzell	1		4	5	Collar bone broken—falling coal	40
21	Fonda Condido	30	Spring Valley.	1				Back bruised—falling roof	30
22	J. Pope	30	Marquette	1				Ribs (3) fractured—kicked by mule.	40
23	A. L. Grear	46	Cable	1				Leg bruised—falling coal	40
23	Ben Krapalois	43	Spring Valley.	1		1	2	Knee injured—falling roof	60
23	Vincent Barto	23	Seatonville.	1				Shoulder injured—falling coal	35
26	Peter Decker	21	Spring Valley.	1				Body bruised—pit car.	56
28	Dom. Balsewig	68	do.	1		5	6	Head injured—falling roof	58
Dec. 5	Frank Garro	24	do.	1				Collar bone broken—falling coal	40
5	B. Gambo	46	do.	1		3	4	Leg injured—falling coal	33
17	Gio. Bataglion	36	Seatonville	1		4	5	Body bruised—falling coal	90
18	Martin Corney	47	Spring Valley.	1		4	5	Foot bruised—falling roof	40
18	Elmer Olson	19	Seatonville.	1				Knee injured—pit car	54
20	Wm. Cole	40	Dalzell	1		2	3	Fingers crushed—pit car.	47
27	Joe. Mont	30	do.	1		3	4	Body bruised—falling coal	43
28	Chas. Workus	33	Seatonville	1		2	3	Leg broken—falling coal	60

Non-Fatal Casualties—Second District—Concluded.

Date.	Name.	Age.	Residence. (Town)	Married. Single.	Children.	No. persons dependent.	Character of Injury and Cause of Accident.	Time lost— days.
1907								
Jan.	2 Chas. Leleskie	29	Spring Valley.	1	1		Foot crushed—falling roof...	90
	9 John Muir	38	do.	1	1		2 Foot bruised—pit car	39
	12 Veroni Sefero	33	Dalzell	1	2		3 Back injured—falling coal...	59
	16 Dom. Perino	40	Spring Valley.	1	1		2 Head injured—falling coal	*
	18 Joe. Christman	26	do.	1	2		3 Thumb crushed—falling roof.	68
	18 John Peroni	28	Dalzell	1	1		Head cut—falling roof	57
	21 Chas. Hittitus	42	Spring Valley.	1	1		2 Leg broken—falling roof	*
	25 August Peroni	23	do.	1	1		Head injured—falling roof	*
Feb.	3 Henry Johnson	43	Kewanee	1			1 Eye destroyed—sulphur from pick	60
	4 Chas. Ranzani	41	Spring Valley.	1	4		5 Back injured—falling coal	*
	4 August Lyons	45	Coal Valley	1	1		2 Body bruised—falling roof	30
	5 A. Nash	24	Cherry	1	1		2 Arms burned—blown out shot	30
	6 Harry Rorah	21	Mineral	1	1		1 Leg broken—falling coal	70
	9 Romeo Bartolini	40	Ladd	1	1		2 Foot crushed—falling coal	*
	23 Peter Lolli	40	Spring Valley.	1	5		6 Arm injured—falling coal	42
	25 Paul Guidoini	25	Ladd	1	1		Head cut—pit car	47
Mch.	2 Chas. Stank	39	Spring Valley.	1	5		6 Legs injured—cage	*
	4 Luigi Monari	30	Seatonville	1	1		Arm injured—falling coal	37
	4 Mack Batassa	49	Spring Valley.	1	7		8 Foot injured—falling roof	44
	5 Simon Misalone	33	do.	1	4		5 Breast crushed—falling roof	*
	6 Axel Rossetti	25	Dalzell	1	1		1 Body bruised—pit car	39
	18 Ben. Passero	45	Spring Valley.	1	6		7 Head bruised—falling coal	*
	19 S. Salvatore	33	do.	1	3		4 Hand bruised—falling coal	62
	19 And. Valdora	31	do.	1	1		2 Leg injured—falling coal	*
	20 Neil McGonigle	51	Cable	1	2		3 Leg broken—falling roof	*
	21 Chas. Shaefer	40	Spring Valley.	1	4		5 Head injured—falling roof	*
	25 Ed. Gilroy	62	do.	1	7		8 Foot crushed—falling roof	83
Apr.	2 Geo. Swigert	53	Seatonville	1	6		7 Ankle injured—falling coal	48
	6 Anton Longal	20	Spring Valley.	1	1		Ankle crushed—pit car	*
	18 Hon. Giatano	33	do.	1	3		4 Fingers injured—falling roof.	30
May	18 Albert Meek	30	Ladd	1	5		6 Hand cut—iron spout	39
	3 John Reid	36	Dalzell	1	4		5 Foot bruised—pit car	32
	4 Gus. Emerling	30	Spring Valley	1	1		2 Foot bruised—pit car	*
	7 F. Montagare	35	do.	1	1		2 Leg broken—falling coal	*
	15 Joe. DeFilippi	42	do.	1	3		4 Toe bruised—falling coal	31
	18 Cioni Riebert	22	Ladd	1	1		Leg broken—falling roof	*
	21 T. Adams	23	Cherry	1	1		Leg broken—kicked by mule	*
	21 And. Plassect	40	Spring Valley.	1	3		4 Leg injured—falling coal	*
	23 Wm. Frey	48	Gilchrist	1	2		3 Collar bone broken—falling coal	30
	23 Louis Hummell	58	Cable	1			1 Ribs (2) broken—fell from hay barn	30
	29 A. Benvenuti	28	Seatonville	1	3		4 Fingers crushed—falling coal	*
	31 G. Lazard	43	do.	1	1		Hand cut—falling roof	*
	31 J. Seroko	39	Cherry	1	3		4 Fingers injured—falling roof.	30
June	7 J. Castignolia	44	Dalzell	1	4		5 Arm broken—falling roof	*
	10 John Kayok	19	Seatonville	1	1		Leg bruised—pit car	*
	12 Robt. McAdams	49	Spring Valley.	1	3		4 Arm broken—falling roof	*
	14 John Pietti	31	Seatonville	1	1		1 Foot bruised—falling coal	*
	14 Robt. Docherty	32	Pre-emption	1	1		Head bruised—water tank	35
	18 G. Aurelia	20	Seatonville	1	1		Leg bruised—pit car	*
	18 V. Tamburini	30	do.	1	2		3 Foot bruised—falling roof	*
	20 Peter Seghi	24	Spring Valley.	1	1		Foot bruised—pit car	*
	25 John Garrick	31	do.	1	1		1 Arm bruised—pit car	*
	Totals			71	37	192	264	

* Not recovered July 1, 1907.

Total number of men injured	108
Number not recovered July 1, 1907	35

Number recovered July 1, 1907	73
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Total time lost by men recovered—days	3,635
Average time lost by men recovered—days	49.79

Recapitulation of Non-Fatal Casualties—Second District—1907.

Residence.	No.	Occupation.	No.	Cause of Accident.	No.	Colliery.	No.
Cable.....	4	Blacksmith...	1	Burned by powder..	3	Brandts' Slope.....	1
Cherry.....	9	Cagers.....	2	Caught by cage.....	1	Coal Valley Mining Co.....	4
Coal Valley...	1	Co. men.....	9	C'ght by trans. plat.	1	Dochertys' local mine.....	1
Dalzell.....	12	Drivers.....	19	Falling coal.....	37	Empire Coal Co.....	4
Galva.....	1	Laborers.....	2	Falling roof.....	32	Herdien Coal Co.....	1
Gilchrist.....	4	Miners.....	71	Fell from hay barn..	1	Illinois 3d Vein Coal Co....	5
Kewanee.....	2	Timbermen...	2	Kicked by mule....	2	Kewanee Coal Co.....	2
Ladd.....	5	Top man.....	1	Spark flew from pick	1	Marquette Coal Co.....	1
Marquette....	1	Spragger.....	1	Struck by pit cars..	27	Pryces' local mine.....	1
Mineral.....	1			Str'ck by steam ram	1	St. Paul Coal Co.....	9
Pre-emption..	1			Struck by water t'nk	1	Spring Valley Coal Co.....	79
Seatonville...	16			Struck iron spout...	1		
Spring Valley.	51						
Totals.....	108		108		108		108

Table Showing List of Non-Fatal Casualties, Nature of Injuries, Time Lost and Percentages—Second District—1907.

NATURE OF INJURIES.	Number.	Married.	Single.	Dependents.	TIME LOST.		Per cent of injuries.
					Total days.	Average days.	
Ankles injured.....	4	1	3	7	86	21.50	3.70
Arms broken.....	2	2	.....	9	.....	.....	1.85
Arms burned.....	1	1	.....	2	30	30.00	.93
Arms injured.....	4	3	1	11	176	44.00	3.70
Backs injured.....	9	7	2	19	237	26.33	8.34
Bodies injured.....	6	4	2	12	538	89.66	5.55
Breast injured.....	1	1	.....	5	.....	.....	.92
Collarbone broken.....	6	5	1	24	288	48.00	5.55
Eye lost.....	1	1	.....	1	60	60.00	.93
Face burned.....	2	1	1	8	60	30.00	1.85
Feet injured.....	16	12	4	46	498	31.12	14.81
Fingers cut off.....	1	1	.....	3	45	45.00	.93
Fingers injured.....	9	6	3	19	257	28.55	8.34
Hands injured.....	7	5	2	24	207	29.57	6.48
Heads injured.....	10	5	5	24	295	29.50	9.26
Knees injured.....	2	1	1	2	114	57.00	1.85
Legs broken.....	12	6	6	15	390	32.50	11.11
Legs injured.....	9	6	3	23	120	13.33	8.33
Ribs broken.....	2	1	1	1	70	35.00	1.85
Shoulder injured.....	1	.....	1	.....	35	35.00	.93
Thumb injured.....	1	1	.....	3	68	68.00	.93
Toe broken.....	1	1	.....	2	30	30.00	.93
Toe injured.....	1	1	.....	4	31	31.00	.93
Totals.....	108	72	36	264	3,635	48.42	100.00

Bureau County—Second District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	St. Paul Coal Co. No. 2	Cherry	8,164	234,511			106,266
2	Spring Valley Coal Co. No. 1	Spring Valley	16,804	235,377			46,412
3	Spring Valley Coal Co. No. 4:	Seatonville	4,148	219,519			52,111
4	Spring Valley Coal Co. No. 2	Spring Valley	12,690	199,106			42,784
5	Spring Valley Coal Co. No. 5	Dalzell	1,285	197,909			36,841
6	Illinois Third Vein Coal Co. No. 1....	Ladd	20,642	174,174			36,603
7	Spring Valley Coal Co. No. 3	Spring Valley	446	93,240			18,176
8	Marquette Third Vein Coal Co. No. 1	Marquette		87,299	7,000		16,641
Totals			64,179	1,441,135	7,000		355,834
LOCAL MINES.							
1	Ed. Donahue	Sheffield		9,400			
2	James Neare	do.		3,200			
3	Louis F. Brandt	Mineral		2,880			
4	Louis F. Brandt	do.		1,800			
5	Nelson & Co.	Sheffield		1,620			
6	Thos. Herrington	Princeton		1,364			
7	Wm. Smith	do.		1,310			
8	C. W. Riley	Sheffield		788			50
9	Earl Saunders	Princeton		780			
10	A. W. Walton	do.		560			
Totals				23,702			50
Totals—18 mines.....			64,179	1,464,837	7,000		355,884

Mines reported for 1906, 21.

Abandoned mines, 3.

Mines in 1907, 18.

Bureau County—Second District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	348,941	\$407,750	342,295	.....	2,200	4,446	279	348,941	272	81	353	1
.....	328,593	459,334	273,531	.....	15,665	9,397	220	298,593	497	178	675	2
.....	275,778	396,628	261,008	.....	4,084	10,686	236	275,778	455	198	653	3
.....	254,580	388,404	231,768	12,626	.....	10,186	223	254,580	448	168	616	4
.....	236,035	361,608	229,240	.....	1,286	5,509	209	236,035	395	128	523	5
.....	231,419	364,960	198,122	13,413	3,354	16,530	226	231,419	416	176	592	6
.....	111,862	172,324	105,607	.....	.....	6,255	116	111,862	385	145	530	7
.....	110,940	183,525	103,223	.....	1,244	6,473	133	110,940	200	95	295	8
.....	1,868,148	\$2,734,536	1,744,794	26,039	27,833	69,482	205	1,868,148	3,068	1,169	4,237	
.....	9,400	\$18,800	.....	.....	9,400	.....	275	9,400	17	5	22	1
.....	3,200	5,600	.....	.....	3,200	.....	250	3,200	7	1	8	2
.....	2,880	5,040	.....	.....	2,880	.....	225	2,880	7	2	9	3
.....	1,800	3,150	.....	.....	1,800	.....	200	1,800	4	1	5	4
.....	1,620	3,240	.....	.....	1,620	.....	200	1,620	4	1	5	5
.....	1,364	2,728	.....	.....	1,364	.....	190	1,364	5	1	6	6
.....	1,310	2,620	.....	.....	1,310	.....	158	1,310	6	1	7	7
.....	838	1,404	.....	.....	798	40	150	838	3	1	4	8
.....	780	1,560	.....	.....	780	.....	97	780	5	1	6	9
.....	560	1,120	.....	.....	560	.....	140	560	2	1	3	10
.....	23,752	\$45,262	.....	.....	23,712	40	189	23,752	60	15	75	
.....	1,891,900	\$2,779,798	1,744,794	26,039	51,545	69,522	.....	1,891,900	3,128	1,184	4,312	

Henry County—Second District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Kewanee Coal Co. No. 1	Kewanee	23,014	30,697			18,694
2	Kewanee Coal Co. No. 2	do.	9,014	7,880			1,975
3	Atlas Coal Co. No. 3	Galva		8,867			900
Totals			32,028	47,444			21,569
LOCAL MINES.							
1	Herdien Coal Co. No. 16	Galva		13,350			500
2	Co-operative Coal Co	Kewanee		8,052			902
3	Bates Bros.	do.		7,454			200
4	Emil Ahlgren	do.		4,000			1,200
5	Fairlie Bros. & Co.	Cambridge		3,000			1,500
6	Fred Henry	Kewanee		4,000			200
7	Mat Atkinson	do.		3,732			
8	Hartman & Hercrot.	Atkinson		1,908			354
9	North Main Coal Co	Kewanee		2,000			200
10	E. H. Emel	Atkinson		1,382			554
11	Ralph Todd & Sons	Kewanee		1,886			
12	Jeff Glenn	Colona		1,880			
13	John Becker & Son	Kewanee		1,528			350
14	Cox & Allen	Briar Bluff		1,700			
15	E. B. Kay	Atkinson		1,200			400
16	E. S. Barlow	Kewanee		1,250			150
17	James Kemerling	do.		1,200			
18	Max Groy	do.		960			
19	Thorp, Groy & Lamb	do.		880			
20	William Lamb	do.		632			
21	Leo Maloen	do.		560			
22	John Witherspoon	Coal Valley		400			150
23	Ed. Wells	Briar Bluff		528			
24	R. E. Maloen	Kewanee		520			
25	George Martin	do.		460			
26	Ab. Hodgett	do.		320			
27	John Collins	Atkinson		280			40
28	H. E. Finch	Kewanee		260			
29	John Summerson	Coal Valley		250			
30	Joseph Carter	Kewanee		160			
31	Robert Kay	Briar Bluff		120			
Totals				65,846			6,700
Totals—34 mines			32,028	113,290			28,269

Mines reported for 1906, 29.

New mines, 8.

Abandoned mins, 3.

Mines in 1907, 34.

Henry County—Second District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	Number.
.....	72,405	\$92,788	61,260	.....	10,745	400	288	72,405	86	23	109	
.....	18,869	25,316	17,215	.....	1,154	500	167	18,869	41	20	61	
.....	9,767	16,192	7,684	.....	1,683	400	212	9,767	20	4	24	
.....	101,041	\$134,296	86,159	.....	13,582	1,300	222	101,041	147	47	194	
.....	13,850	\$27,542	.....	.....	13,450	400	230	13,850	30	4	34	1
.....	8,954	18,165	.....	.....	8,764	200	270	8,954	15	2	17	2
.....	7,654	16,872	.....	.....	7,554	100	270	7,654	14	2	16	3
.....	5,200	3,630	.....	.....	5,200	.....	235	5,200	8	2	10	4
.....	4,500	10,500	.....	.....	4,400	100	253	4,500	9	2	11	5
.....	4,200	8,100	.....	.....	4,120	80	250	4,200	8	1	9	6
.....	3,732	8,397	.....	.....	3,732	.....	275	3,732	7	1	8	7
.....	2,262	5,035	.....	.....	2,202	60	200	2,262	7	1	8	8
.....	2,200	4,100	.....	.....	2,100	100	280	2,200	5	1	6	9
.....	1,936	3,871	.....	.....	1,866	70	200	1,936	6	1	7	10
.....	1,880	4,230	.....	.....	1,880	.....	200	1,880	5	1	6	11
.....	1,880	4,230	.....	.....	1,880	.....	200	1,880	6	1	7	12
.....	1,878	4,493	.....	.....	1,878	.....	150	1,878	5	2	7	13
.....	1,700	3,400	.....	.....	1,700	.....	100	1,700	6	.....	6	14
.....	1,600	3,300	.....	.....	1,540	60	150	1,600	5	1	6	15
.....	1,400	2,925	.....	.....	1,316	84	143	1,400	6	2	8	16
.....	1,200	2,700	.....	.....	1,200	.....	150	1,200	5	1	6	17
.....	960	1,920	.....	.....	960	.....	150	960	3	1	4	18
.....	880	1,980	.....	.....	880	.....	120	880	3	.....	3	19
.....	632	1,264	.....	.....	632	.....	100	632	4	.....	4	20
.....	560	1,120	.....	.....	560	.....	100	560	5	1	6	21
.....	550	912	.....	.....	550	.....	100	550	2	.....	2	22
.....	528	1,056	.....	.....	528	.....	100	528	3	.....	3	23
.....	520	1,040	.....	.....	520	.....	160	520	2	1	3	24
.....	460	1,035	.....	.....	460	.....	120	460	2	.....	2	25
.....	320	640	.....	.....	320	.....	80	320	3	1	4	26
.....	320	730	.....	.....	320	.....	90	320	3	1	4	27
.....	260	520	.....	.....	260	.....	65	260	2	.....	2	28
.....	250	375	.....	.....	250	.....	65	250	1	.....	1	29
.....	160	320	.....	.....	160	.....	60	160	2	.....	2	30
.....	120	240	.....	.....	120	.....	80	120	1	.....	1	31
.....	72,546	148,612	.....	.....	71,292	1,254	160	72,546	183	30	213	
.....	173,587	282,908	86,159	.....	84,874	2,554	.....	173,587	330	77	407	

Knox County—Second District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES.							
1	Galva Coal Co.	Wataga		5,440			160
2	Pendergast Bros.	Galesburg		4,222			200
3	Rodell & Mitchell	Wataga		3,790			160
4	Matson Bros	Victoria		2,600			
5	Bowman Bros.	Yates City		1,772			702
6	George Clifford	Oneida		1,828			
7	Terence McGovern	do.		1,800			
8	T. H. Milan	Soperville		1,404			370
9	Jesse Hillier	Rapatee		1,600			
10	Simpson Bros.	Oneida		1,446			
11	N. C. Anderson	Knoxville		1,226			
12	S. G. McGovern	Oneida		1,220			
13	Albert Walberg	Knoxville		1,180			
14	D. I. Foster	Rapatee		1,000			
15	P. A. Lindsey	Middle Grove		1,000			
16	John Welch	Victoria		1,000			
17	Louis Nodine & Son.	Wataga		880			
18	Ben Thorn	Etherley		800			
19	John Robinson	Victoria		680			
20	Sam Nelson	Abingdon		600			
21	P. Lundeen & Son	Knoxville		564			
22	E. Montgomery	Yates City		500			
23	Pointer & Cross	Abingdon		400			
24	Ed. Peterson	Etherley		372			
25	Chas. Gladfelter & Co	Victoria		354			
26	John Myers	Etherley		300			
27	Wm. Courson	Abingdon		280			
28	James Nelson	Knoxville		264			
29	Arthur Sloan	Etherley		254			
30	Geo. Quinn	Abingdon		240			
31	Thos. Watson	Yates City		230			
32	Louis Larson	Victoria		220			
33	H. E. Bonney	Abingdon		200			
34	John Todd	Victoria		200			
35	Menzo Morse	Middle Grove		200			
36	Frank Brown	Knoxville		200			
37	Chas. Morgan	Oneida		200			
38	John Fox & Co.	Etherley		170			
39	Wm. Fish	Dahinda		140			
40	Milton Poole	Abingdon		100			
41	Wm. Nelson	Victoria		100			
42	P. A. Switzer	Wataga		100			
Totals				41,076			1,592

Mines reported for 1906, 46.

New mines, 11.

Abandoned mines, 15.

Mines in 1907, 42.

Knox County—Second District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	Number.
.....	5,600	\$9,600	.....	.....	5,480	120	240	5,600	14	3	17	1
.....	4,422	7,488	.....	.....	4,272	150	200	4,422	9	1	10	2
.....	3,950	6,713	.....	.....	3,850	100	260	3,950	8	2	10	3
.....	2,600	3,900	.....	.....	2,600	.....	260	2,600	5	1	6	4
.....	2,474	4,070	.....	.....	1,924	550	275	2,474	4	1	5	5
.....	1,828	3,656	.....	.....	1,828	.....	130	1,828	8	1	9	6
.....	1,800	2,700	.....	.....	1,800	.....	200	1,800	5	.....	5	7
.....	1,774	2,642	.....	.....	1,734	40	120	1,774	5	2	7	8
.....	1,600	2,400	.....	.....	1,600	.....	250	1,600	3	.....	3	9
.....	1,446	2,169	.....	.....	1,446	.....	160	1,446	4	1	5	10
.....	1,226	2,452	.....	.....	1,226	.....	182	1,226	4	.....	4	11
.....	1,220	2,135	.....	.....	1,220	.....	200	1,220	4	1	5	12
.....	1,180	2,360	.....	.....	1,180	.....	180	1,180	4	1	5	13
.....	1,000	1,500	.....	.....	1,000	.....	225	1,000	3	.....	3	14
.....	1,000	1,500	.....	.....	1,000	.....	160	1,000	3	.....	3	15
.....	1,000	1,500	.....	.....	1,000	.....	200	1,000	3	.....	3	16
.....	880	1,540	.....	.....	880	.....	180	880	3	1	4	17
.....	800	1,200	.....	.....	800	.....	160	800	3	.....	3	18
.....	680	1,020	.....	.....	680	.....	150	680	3	1	4	19
.....	600	1,350	.....	.....	600	.....	150	600	4	.....	4	20
.....	564	1,128	.....	.....	564	.....	182	564	3	.....	3	21
.....	500	1,000	.....	.....	500	.....	100	500	2	.....	2	22
.....	400	1,000	.....	.....	400	.....	180	400	2	.....	2	23
.....	372	552	.....	.....	372	.....	100	372	2	.....	2	24
.....	354	531	.....	.....	354	.....	100	354	2	.....	2	25
.....	300	450	.....	.....	300	.....	100	300	2	.....	2	26
.....	280	700	.....	.....	280	.....	150	280	2	.....	2	27
.....	264	528	.....	.....	264	.....	120	264	2	1	3	28
.....	254	381	.....	.....	254	.....	175	254	1	.....	1	29
.....	240	640	.....	.....	240	.....	120	240	2	.....	2	30
.....	230	460	.....	.....	230	.....	90	230	2	.....	2	31
.....	220	330	.....	.....	220	.....	80	220	2	.....	2	32
.....	200	500	.....	.....	200	.....	180	200	1	.....	1	33
.....	200	400	.....	.....	200	.....	74	200	2	.....	2	34
.....	200	300	.....	.....	200	.....	100	200	2	.....	2	35
.....	200	400	.....	.....	200	.....	100	200	2	.....	2	36
.....	200	350	.....	.....	200	.....	80	200	2	.....	2	37
.....	170	255	.....	.....	170	.....	85	170	2	.....	2	38
.....	140	210	.....	.....	140	.....	100	140	1	.....	1	39
.....	100	225	.....	.....	100	.....	90	100	2	.....	2	40
.....	100	150	.....	.....	100	.....	60	100	2	.....	2	41
.....	100	150	.....	.....	100	.....	80	100	1	.....	1	42
.....	42,668	\$72,495	.....	.....	41,708	960	151	42,668	140	17	157	

Mercer County—Second District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Coal Valley Mining Co. No. 2.....	Sherrard.....	33,622	116,312	.....	1,334	1,624
2	Empire Coal Co. No. 3.....	Gilchrist.....	15,946	80,176	20,288	160	57,290
3	Coal Valley Mining Co. No. 1.....	Cable.....	4,035	18,920	.....	563	608
4	Alden Coal Co. No. 4.....	Gilchrist.....	338	9,678	.....	260	5,942
Totals			53,941	225,086	20,288	2,317	65,464
LOCAL MINES.							
1	Docherty Bros.....	Pre-emption ..	.....	4,000	.....	.....	350
2	Liefendorfer & Kasenburg.....	do.....	.....	3,935	.....	.....	.....
3	J. B. Martin.....	Aledo.....	.....	3,000	.....	.....	30
4	Arthur Jones.....	Viola.....	.....	2,152	.....	.....	225
5	G. W. Martin.....	do.....	.....	2,000	.....	.....	200
6	W. H. Riddell.....	Aledo.....	.....	2,000	.....	.....	.....
7	B. B. Peterson.....	Cable.....	.....	1,360	.....	.....	640
8	W. P. Williams.....	Aledo.....	.....	1,440	.....	.....	.....
9	S. J. Young.....	New Windsor.....	.....	1,200	.....	.....	.....
10	D. W. Essley.....	Aledo.....	.....	960	.....	.....	40
11	Robert Salkeld.....	Cable.....	.....	600	.....	.....	.....
12	B. F. Miller.....	Viola.....	.....	600	.....	.....	.....
13	M. A. Beers.....	Cable.....	.....	336	.....	.....	180
14	Edward Grady.....	Viola.....	.....	80	.....	.....	.....
Totals				23,663	.....	.....	1,665
Totals—18 mines.....			53,941	248,749	20,288	2,317	67,129

Mines reported for 1906, 16.

New mines, 4.

Abandoned mines, 2.

Mines in 1907, 18.

Mercer County—Second District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
57,820	210,712	\$304,579	198,696	624	2,922	8,470	265	210,712	154	122	276	1
1,226	175,086	214,125	171,474	.....	2,386	1,226	214	175,086	171	86	257	2
6,608	30,734	45,886	27,556	510	180	2,488	148	30,734	45	32	77	3
394	16,612	20,067	15,986	232	.....	394	60	16,612	63	28	91	4
66,048	433,144	\$584,657	413,712	1,366	5,488	12,578	209	433,144	433	268	701	
.....	4,350	\$7,262	.....	.....	4,150	200	180	4,350	10	2	12	1
.....	3,935	5,902	.....	.....	3,935	.....	250	3,935	6	1	7	2
.....	3,030	4,515	.....	.....	3,030	.....	250	3,030	4	1	5	3
.....	2,377	3,397	.....	.....	2,252	125	220	2,377	7	1	8	4
.....	2,200	3,100	.....	.....	2,200	.....	220	2,200	4	1	5	5
.....	2,000	3,000	.....	.....	2,000	.....	200	2,000	5	1	6	6
.....	2,000	3,136	.....	.....	1,930	70	180	2,000	3	1	4	7
.....	1,440	2,160	.....	.....	1,440	.....	160	1,440	3	1	4	8
.....	1,200	2,400	.....	.....	1,200	.....	160	1,200	5	.....	5	9
.....	1,000	1,460	.....	.....	980	20	200	1,000	2	.....	2	10
.....	600	1,200	.....	.....	600	.....	200	600	2	.....	2	11
.....	600	1,200	.....	.....	600	.....	150	600	3	1	4	12
.....	516	891	.....	.....	516	.....	180	516	2	.....	2	13
.....	80	120	.....	.....	80	.....	60	80	2	.....	2	14
.....	25,328	\$39,743	.....	.....	24,913	415	186	25,328	58	10	68	
66,048	458,472	\$624,400	413,712	1,366	30,401	12,993	.....	458,472	491	80	769	

Rock Island County—Second District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Volunteer Coal Co. No. 1.....	Coal Valley....	5,380	5,547	.....	.....	2,660
LOCAL MINES.							
1	J. J. Pryce & Son.....	Coal Valley....		15,468	.....	.....	5,156
2	Sackville Bros.....	do.....		5,960	.....	.....	2,378
3	Stoddard & Summerson.....	do.....		5,604	.....	.....	1,402
4	John A. Hyne.....	Moline.....		3,416	.....	.....	808
5	T. S. Silvis.....	Silvis.....		3,042	.....	.....	1,020
6	Stoehr & Schadt.....	Carbon Cliff....		2,342	.....	.....	1,170
7	Axel E. Link.....	Sunny Hill.....	325	1,765	.....	.....	410
8	Fred Ziegler.....	Coal Valley....		740	.....	.....	200
9	Stone Bros.....	Moline.....		800	.....	.....	.....
10	Gunkert Bros.....	Hampton.....		406	.....	.....	328
11	J. F. Oltman.....	do.....		186	.....	.....	.....
Totals.....			325	39,729	.....	.....	12,872
Totals—12 mines.....			5,705	45,276	.....	.....	15,532

Mines reported for 1906, 15.

New mines, 1.

Abandoned mines, 4.

Mines in 1907, 12.

Rock Island County—Second District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	13,587	\$16,217	12,100	.....	1,087	400	224	13,587	16	6	22	1
.....	20,624	\$33,514	.....	.....	20,444	180	180	20,624	30	12	42	1
.....	8,338	12,513	.....	.....	8,238	100	200	8,338	10	5	15	2
.....	7,006	11,727	.....	.....	6,866	140	230	7,006	8	3	11	3
.....	4,224	7,236	.....	.....	4,114	110	200	4,224	7	1	8	4
.....	4,062	6,849	.....	.....	3,902	160	200	4,062	7	2	9	5
.....	3,512	5,269	.....	.....	3,362	150	264	3,512	7	2	9	6
.....	2,500	4,304	.....	.....	2,420	80	160	2,500	6	2	8	7
.....	940	1,580	.....	.....	880	60	150	940	2	.....	2	8
.....	800	1,600	.....	.....	800	.....	180	800	2	.....	2	9
.....	734	1,386	.....	.....	734	.....	115	734	3	.....	3	10
.....	186	372	.....	.....	186	.....	90	186	2	1	3	11
.....	52,926	\$86,350	.....	.....	51,946	980	179	52,926	84	28	112	
.....	66,513	\$102,567	12,100	.....	53,033	1,380	.....	66,513	100	34	134	

Warren County—Second District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES.							
1	H. J. Rohn	Alexis		3,508			700
2	Geo. Menifield	Monmouth		2,400			
3	Simcox Bros.	Alexis		2,070			200
4	Henry Clayton	Avon		960			
5	Bryner & Hall	Roseville		916			
6	Wm. D. Ruhl	Avon		760			
7	Thos. Caldwell	do		460			
8	John Loyd	St. Augustine		460			
9	John Clark	Monmouth		400			
10	John Lee	Roseville		300			
11	Andrew Campbell	do		240			
12	Alva Hartford	do		200			
13	Joseph Simpson	Swan Creek		80			
14	Dike Hartman	Avon		312			
15	Lee Mullen	Youngstown		144			
Totals				13,210			900

Warren County—Second District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	4,208	\$6,573 00	.....	.....	4,108	100	225	4,208	8	1	9	1
.....	2,400	6,000 00	.....	.....	2,400	.....	300	2,400	8	2	10	2
.....	2,270	3,742 00	.....	.....	2,210	60	275	2,270	4	1	5	3
.....	960	2,400 00	.....	.....	960	.....	300	960	3	.....	3	4
.....	916	2,290 00	.....	.....	916	.....	240	916	4	1	5	5
.....	760	1,900 00	.....	.....	760	.....	120	760	3	.....	3	6
.....	460	1,150 00	.....	.....	460	.....	220	460	2	.....	2	7
.....	460	920 00	.....	.....	460	.....	100	460	3	.....	3	8
.....	400	1,000 00	.....	.....	400	.....	120	400	3	1	4	9
.....	300	750 00	.....	.....	300	.....	120	300	3	.....	3	10
.....	240	600 00	.....	.....	240	.....	120	240	3	.....	3	11
.....	200	500 00	.....	.....	200	.....	100	200	3	.....	3	12
.....	80	200 00	.....	.....	80	.....	100	80	1	.....	1	13
.....	312	780 00	.....	.....	312	.....	100	312	3	.....	3	14
.....	144	360 00	.....	.....	144	.....	120	144	1	.....	1	15
.....	14,110	\$29,165 00	.....	.....	13,950	160	171	14,110	52	6	58	

Shipping Mines—Recapitulation by

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Bureau	8	64, 179	1, 441, 135	7, 000	.....	355, 834	.....	1, 868, 148	\$0.7863	.....
Henry	3	32, 028	47, 444	.....	.....	21, 569	.....	101, 041	0.738	.....
Mercer	4	53, 941	225, 086	20, 288	2, 317	65, 464	66, 048	433, 144	0.66	.....
Rock Island	1	5, 380	5, 547	.....	.....	2, 660	.....	13, 587	0.66	.....
Totals and av	16	155, 528	1, 719, 212	27, 288	2, 317	445, 527	66, 048	2, 415, 920	\$0.764	.....

Local Mines—Recapitulation by

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Bureau	10	.....	23, 702	.....	.....	50	.....	23, 752	\$0.9753	.....
Henry	31	.....	65, 846	.....	.....	6, 700	.....	72, 546	1.1768	.....
Knox	42	.....	41, 076	.....	.....	1, 592	.....	42, 668	1.00	.....
Mercer	14	.....	23, 663	.....	.....	1, 665	.....	25, 328	0.9599	.....
Rock Island	11	325	39, 729	.....	.....	12, 872	.....	52, 926	0.6834	.....
Warren	15	.....	13, 210	.....	.....	900	.....	14, 110	1.3345	.....
Totals and av	123	325	207, 226	.....	.....	23, 779	.....	231, 330	\$0.9965	.....
Totals, district—all mines	139	155, 853	1, 926, 438	27, 288	2, 317	469, 306	66, 048	2, 647, 250	.....	.....

Whole number of mines reported in 1906, 142.

Number of new mines opened during the year, 28.

Number of mines abandoned during the year, 31.

Whole number of mines reported for 1907, 139.

Counties—Second District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employees.	Total.
205	1,868,148	.....	\$1.4804	\$1.6856	\$1.72	.....	\$0.5571	.....	3,068	1,169	4,237
222	101,041	.....	1.30	1.5467	.....	.....	0.8937	.....	147	47	194
209	433,144	.....	1.4594	1.6122	1.40	\$1.5637	0.8568	\$0.8316	433	268	701
224	13,587	.....	1.20	1.40	.....	.....	0.75	.....	16	6	22
211	2,415,920	.....	\$1.4263	\$1.6713	\$1.4821	\$1.5637	\$0.6186	\$0.8316	3,661	1,490	5,154

Counties—Second District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employes.	Total.
189	23,752	.....	.....	\$1.9086	.....	.....	\$0.50	.....	60	15	75
160	72,546	.....	.....	2.1628	.....	.....	0.9253	.....	183	30	213
151	42,668	.....	.....	1.7414	.....	.....	0.61	.....	140	17	157
186	25,328	.....	.....	1.6323	.....	.....	0.671	.....	58	10	68
179	52,926	.....	\$1.75	1.985	.....	.....	0.5375	.....	84	28	112
171	14,110	.....	.....	2.1659	.....	.....	0.6156	.....	52	6	58
165	231,330	.....	\$1.75	\$1.9557	.....	.....	\$0.6638	.....	577	106	683
...	2,647,250	.....	.....	.....	.....	.....	.....	.....	4,241	1,596	5,837

THIRD INSPECTION DISTRICT—1907.

SECOND ANNUAL REPORT.

Counties—Livingston, Marshall, Peoria, Putnam, Stark, Woodford.

JAMES TAYLOR, *Inspector*, Peoria.

HON. DAVID ROSS,

Secretary, State Bureau of Labor Statistics, Springfield, Ill.

SIR—Conforming to the provisions of section 12 of an Act of the General Assembly defining the duties of the State Inspectors of Mines, requiring each to prepare and forward to you, at the close of the official year, June 30, a report on blanks furnished, I herewith submit such report for the year ending June 30, 1907.

The tables contain the information called for, showing the number of coal producing counties in the district; the number of mines operated, both commercial and those serving the local trade, the names of all operators with the location of the mines; the number of mines and other employes in and around the mines; the number of kegs of powder used for blasting coal and for other purposes; the total number of tons of coal produced with the tons of each of the several grades; the tons shipped from the mines, and the tons disposed of otherwise; the value per ton of each grade of coal at the mine, also the aggregate value of the total product; the number of fatal and non-fatal accidents, with the nature and cause of each; the prices paid for mining and the output of every mine of each month during the fiscal year.

The following summary presents in a condensed form the principal items drawn from the several tables:

Number of counties producing coal.....	6
Number of mines.....	89
Number of shipping mines.....	31
Number of local mines.....	58
Number of abandoned mines.....	48
Total number of employes.....	3,957
Number of miners.....	2,899
Number of other employes underground.....	617
Number of boys underground.....	76
Number of employes above ground.....	365
Number of kegs of powder used.....	70,055
Total tons of coal produced.....	2,213,592
Tons of mine run coal.....	584,458
Tons of lump coal.....	1,170,099
Tons all other grades.....	459,035
Tons shipped from mines.....	1,836,370
Tons supplied to locomotives at mines.....	83,602
Tons sold to local trade.....	220,008

Tons consumed at the mines.....	73,612
Aggregate value of the total product.....	\$2,889,115
Average value per ton lump coal at mines, shipping.....	\$1.647
Average number of days, active operations.....	227
Average price paid for hand mining.....	\$0.75
Number of fatal accidents.....	5
Number of non-fatal accidents.....	9
Number of tons of coal to each fatal accident.....	442,718
Number of tons of coal to each non-fatal accident.....	245,955
Number of employes to each fatal accident.....	791
Number of employes to each non-fatal accident.....	440
Ratio of fatal accidents to 1,000 persons employed.....	1.3

The table following shows the output of each county for the years 1906 and 1907, with the increase and decrease:

COUNTY.	TOTAL TONS, ALL GRADES OF COAL.		Increase.	Decrease.
	1906	1907		
Livingston.....	281,035	269,811		11,224
Marshall.....	437,230	471,725	34,495	
Peoria.....	844,484	1,027,123	182,639	
Putnam.....	135,004	268,710	133,706	
Stark.....	34,696	25,480		9,216
Woodford.....	136,574	150,743	14,169	
Totals.....	1,869,023	2,213,592	365,009	20,440
Net increase.....		344,569		

The counties of Marshall, Peoria, Putnam and Woodford show an increase over last year of 365,009 tons, while Livingston and Stark show a decrease of 20,440 tons, this leaves a net increase for the district of 344,569 tons.

FATAL ACCIDENTS.

The fatal accidents occurring in the district are described as follows:

September 18, 1906, Frank Passero, miner, aged 28 years, single, employed in mine No. 2 of the Cardiff Coal Company, Cardiff, Livingston county, was instantly killed by falling rock, while mining coal at the face of his room.

November 24, 1906, Albert Baggs, miner, aged 23 years, single, employed in the Barr Coal Company's mine, Sparland, Marshall county, was fatally injured by a premature explosion. He was preparing a shot and had placed several charges of powder in the hole and was pushing the powder back with an iron scraper, the powder was ignited by a spark produced by the scraper coming in contact with sulphur spars on the sides of the drill hole.

November 29, 1906, Alex Newsam, timberman, aged 36 years, married, employed in the mine of Newsam Bros., Kingston, Peoria county, was fatally injured by falling rock while preparing to secure the roof of the entry with timbers. He leaves a wife, but no children.

January 2, 1907, John Marland, mine manager, aged 60 years, married, employed at the No. 1 mine of the Wenona Coal Company, Wenona, Marshall county, was fatally injured. He was in the vicinity of the mule stables on the main haulage, the mule which was worked at the bottom of the shaft became unruly, and kicked the tail chain attached to the harness causing it to wrap around Mr. Marland's leg and over the haulage rope, which was moving; the mule started to pull when his leg was caught between the haulage rope, lacerating the flesh on the under side of the knee

and breaking the bones in two or three places. He was taken to his home and the leg amputated, between nine and ten o'clock the following day. He died the evening of January 4, 1907 leaving a widow and four children.

March 13, 1907. Ora Haahn, driver, aged 22 years, single, was killed in I. Wantling & Co.'s mine, Elmwood, Peoria county. The cause of this accident is unknown. When deceased was found his body was lying on the side of a loaded car, with his right shoulder and head in front of the wheels of the third car, it being a three car trip; his cap and lamp were found at a distance of about 15 feet in the rear of the trip, his lamp was crushed but was still hooked in the cap. He was found by the shot firers at about 3:30 p. m. and was dead.

The tables of accidents both fatal and non-fatal follow, also the county tables and recapitulations.

Respectfully submitted,

JAMES TAYLOR,

State Inspector of Mines, Third District, Peoria, Illinois.

Fatal Casualties—Third District—July 1, 1907.

Date.	Name.	Age.	Occupation.	Residence (Town).	Married.	Widows.	Children.	Single.	Persons dependent.	Cause of Accident.
1906										
Sept. 18	Frank Passero.....	28	Miner.....	Cardiff.....				1		Falling rock.....
Nov. 24	Albert Baggs.....	23	do.....	Sparland.....				1		Premature explos'n
29	Alex Newsam.....	36	Timberman...	Kingston.....	1	1			1	Falling rock.....
1907										
Jan. 2	John Marland.....	60	Mine manager.	Wenona.....	1	1	4		2	Cable.....
Mar. 13	Ora Haahn.....	22	Driver.....	Elmwood.....				1		Pit cars.....
	Total.....				2	2	4	3	3	

Recapitulation of Fatal Casualties—Third District—1907.

Residence.	No.	Occupation.	No.	Nature of Casualty.	No.	Colliery.	No.
Cardiff.....	1	Driver.....	1	Cable.....	1	Barr Coal Co.....	1
Elmwood.....	1	Mine manager.	1	Falling rock.....	2	Cardiff Coal Co.....	1
Kingston.....	1	Miner.....	2	Pit cars.....	1	Newsam Bros.....	1
Sparland.....	1	Timberman...	1	Premature explos'n	1	Wantling & Co.....	1
Wenona.....	1				1	Wenona Coal Co.....	1
Total.....	5		5		5		5

Non-fatal Casualties—Third District—July 1, 1907.

Date.	Name.	Age.	Residence (Town).	Married.	Single.	Children.	No. persons dependent.	Character of Injury and Cause of Accident.	Time lost—days.
1906									
July 2	John Shemkus.....	23	Granville.....	1				Leg cut off, railroad cars....	*
9	Joe Polyziskie.....	42	Wenona.....	1				Hips and legs bru., fall. rock.	77
Nov. 9	Fred Keisher.....	50	do.....	1		2	3	Hand cut, falling rock.....	32
Sept. 25	Joe Boza.....	24	Reed City.....	1				Toes crushed, falling rock....	60
Oct. 30	Henry Gewvens.....	45	Peoria.....	1		3	4	Back bruised, falling slate....	36
Oct. 30	Joseph Gewvens.....	18	do.....	1				Leg broken, falling rock.....	92
1907									
Feb. 1	Andrew Bennica.....	32	Granville.....	1				Foot crushed, falling coal....	60
Mar. 17	Wm. Brokovitch.....	59	Wenona.....	1			1	Ribs broken (3) falling rock..	46
June 7	Sylvester Flahant....	19	Toluca.....	1				Back injured, unknown.....	*
	Totals.....			2	7	5	8		..

*Not recovered July 1, 1907.

Total number of men injured.....	9
Not recovered July 1, 1907.....	2
Number recovered July 1, 1907.....	7
Time lost by men recovered, days.....	403
Average days lost by men recovered.....	57.57

Recapitulation of Non-fatal Casualties—Third District—1907.

Residence.	No.	Occupation.	No.	Cause of Accident.	No.	Colliery.	No.
Granville	2	Drivers	1	Falling coal	1	B. F. Berry Coal Co	1
Peoria	2	Miners	8	Falling rock	5	Clark Coal & Coke Co	2
Reed City	1			Falling slate	1	Newsam Bros	1
Toluca	1			Railroad cars	1	St. Paul Coal Co	1
Wenona	3			Unknown	1	Toluca Coal Co	1
						Wenona Coal Co	3
Totals	9		9		9		9

Table Showing the Nature of Injuries, Number of Persons Injured, Dependents, Time Lost, with Averages and Percentages.

NATURE OF INJURIES.	Number.	Married.	Single.	Dependents.	TIME LOST.		Per cent of injuries.
					Total days.	Average days.	
Backs injured.....	2	1	1	4	36	36.00	22.23
Foot mashed.....	1		1		60	60.00	11.11
Hand cut.....	1	1		3	32	32.00	11.11
Hips and legs bruised.....	1		1		77	77.00	11.11
Leg broken.....	1		1		92	92.00	11.11
Leg cut off.....	1		1				11.11
Ribs broken (3).....	1		1	1	46	46.00	11.11
Toes mashed.....	1		1		60	60.00	11.11
Totals, averages and percentages ...	9	2	7	8	403	57.57	100.00

Livingston County—Third District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lumb.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Cardiff Coal Co. No. 2.....	Cardiff	86,775	74,066	8,456	13,537	34,123
2	Fairbury West End Coal Co. No. 1..	Fairbury.....	9,213	3,020	.....	3,700	748
3	Phoenix Coal & Mining Co. No. 1...	Cornell.....	925	1,740	.....	.....	1,050
Totals			96,913	78,826	8,456	17,237	35,921
LOCAL MINES.							
1	Brady Coal Co. No. 2.....	Pontiac	11,200	.....	.....	.....	.....
2	The Streator Clay Mfg. Co	Streator	10,000	.....	.....	.....	.....
3	Fairbury Coöperative Coal Co.....	Fairbury	8,329	.....	.....	.....	.....
4	Streator Aqueduct Co'.....	Streator	1,909	.....	.....	.....	.....
5	Massey Bros	do.....	.....	600	.....	.....	.....
6	Munts Bros	do.....	.....	420	.....	.....	.....
Totals			31,438	1,020	.....	.....	.....
Totals—9 mines			128,351	79,846	8,456	17,237	35,921

Mines reported for 1906, 11.

Mines abandoned, 2.

Mines in 1907, 9.

Livingston County—Third District—1907—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	Number.
.....	216,987	\$293,002	207,298	.....	3,396	6,263	191	216,957	295	129	424	1
.....	16,681	21,581	6,444	8,413	1,200	624	288	16,681	16	14	30	2
.....	3,715	5,161	1,463	.....	1,202	1,050	250	3,715	20	10	30	3
.....	237,353	\$319,744	215,205	8,413	5,798	7,937	243	237,353	331	153	484	
.....
.....	11,200	\$11,200	.....	.....	11,200	.....	250	11,200	26	5	31	1
.....	10,000	10,000	.....	.....	.....	10,000	226	10,000	23	5	28	2
.....	8,329	10,411	.....	.....	8,329	.....	200	8,329	10	8	18	3
.....	1,909	1,909	.....	.....	.....	1,909	257	1,909	4	1	5	4
.....	600	1,350	.....	.....	600	.....	240	600	4	2	6	5
.....	420	945	.....	.....	420	.....	200	420	4	2	6	6
.....	32,458	\$35,815	.....	.....	20,549	11,909	229	32,458	71	23	94	
.....	269,811	\$355,559	215,205	8,413	26,347	19,846	.....	269,811	402	176	578	

Marshall County—Third District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Delvin Coal Co. No. 1.....	Toluca	133, 213	123, 229	9, 458		46, 713
2	Wenona Coal Co. No. 1.....	Wenona		79, 486		545	24, 646
3	Marquette Third Vein Coal Co. No. 1	Sparlard		18, 433			3, 253
4	Lacon Coal Co. No. 1	do.	892	2, 338		153	1, 158
Totals			134, 105	223, 486	9, 458	698	75, 770
LOCAL MINES.							
1	Frank A. Barr.....	Sparland		3, 200			
2	R. H. Ingram	do.		970			
3	O. W. McLaughlin.....	do.		640			
4	William Bough	Henry		620			
5	W. E. Frisby	Sparland		410			
6	William Lopeman.....	Henry		400			
7	H. Pettit	Sparland		230			
8	Louis Nighswonger	do.		210			
9	W. Horrocks & Son.	Henry		126			
Totals				6, 806			
Total—13 mines.....			134, 105	230, 292	9, 458	698	75, 770

Mines reported for 1906, 13.

New mines, 1.

Abandoned mines, 1.

Mines in 1907, 13.

Marshall County—Third District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
16,402 5,000	329,015 109,677 21,686 4,541	\$407,751 190,477 37,625 5,501	260,683 86,706 17,711 2,931	43,976	8,054 7,971 2,686 1,610	16,302 5,000 1,289	261 235 267 267	329,015 109,677 21,686 4,541	489 155 37 7	144 75 10 2	633 230 47 9	1 2 3 4
21,402	464,919	\$641,354	378,031	43,976	20,321	22,591	258	464,919	688	231	919	
.....	3,200	\$4,800	.....	.....	3,200	.....	250	3,200	6	1	7	1
.....	970	1,455	.....	.....	970	.....	210	970	5	1	6	2
.....	640	960	.....	.....	640	.....	200	640	4	1	5	3
.....	620	930	.....	.....	620	.....	210	620	3	1	4	4
.....	410	615	.....	.....	410	.....	160	410	3	.....	3	5
.....	400	600	.....	.....	400	.....	167	400	2	1	3	6
.....	230	345	.....	.....	230	.....	110	230	2	.....	2	7
.....	210	315	.....	.....	210	.....	100	210	2	.....	2	8
.....	126	189	.....	.....	126	.....	96	126	2	.....	2	9
.....	6,806	\$10,209	.....	.....	6,806	.....	167	6,806	29	5	34	
21,402	471,725	\$651,563	378,031	43,976	27,127	22,591	.....	471,725	717	236	953	

Peoria County--Third District--1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—					
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	
SHIPPING MINES.								
1	Clark Coal & Coke Co., A.	Peoria		119,518			29,879	49,799
2	Clark Coal & Coke Co., B.	do.		75,822			18,954	31,593
3	Wolschlag Coöperative, Wolschlag.	do.	109,530					
4	Howarth & Taylor, H. & T.	do.		49,783				14,945
5	Newsam Bros., Reed City.	do.		557	49,469			14,474
6	Sholl Bros., No. 3.	do.	26,270	16,500			5,400	5,100
7	Collier Coöperative Coal Co.	do.	40,000	9,000				687
8	Newsam Bros., No. 1.	do.	5,035	33,229				7,055
9	Vickery Bros.	do.		44,200				1,000
10	Newsam Bros., No. 2.	do.	6,983	19,066				5,903
11	Reents Bros., Kramm.	do.	26,120					
12	Applegate & Lewis Coal Co., Hanna	do.	3,363	13,561				7,568
13	W. E. Foley	do.		15,672				7,836
14	I. Wantling & Co., Elwood Shaft	do.	280	15,000				3,000
15	Third Vein Coal Co., Orchard Mine.	Mapleton		11,385			1,560	
16	German Coal Co., Hollis.	do.	11,520					
17	Edwards Mining Co.	Youngs		3,500				600
18	Warsaw Coal Co.	Edwards	340					
Totals			229,998	475,705			55,793	149,560
LOCAL MINES.								
1	Winters Coal Co.	Bartonville	23,965					
2	Treasure Coal Co.	do.	5,280	14,808				
3	Hibbard, Snedden & Co.	Peoria		11,881				
4	Lancaster Landing Coal Co.	Kingston		5,935				
5	Patrick Martin, No. 1.	Peoria		5,000				
6	Mohn Coal Co.	do.	578	4,179				
7	Wm. Cook.	do.		3,926				
8	F. P. Schmidt	do.	100	3,880				
9	Walter Robinson.	Mapleton		3,500				
10	Crew Bros.	Chillicothe		2,700				
11	Robt. Taylor & Sons.	Princeville	125	2,146				
12	Heitzman Bros.	Bartonville		2,120				
13	Blank & Fisher.	Peoria		2,080				
14	Higbee & Colwell	Princeville	40	2,000				
15	Marston & Williams.	Peoria		1,920				
16	Callear Bros.	Pottstown		1,604				
17	W. J. Burdett.	do.		1,280				
18	Powell Coal Co.	Mapleton		1,054				
19	Galloway Coal Co.	Kingston	5,500	1,000				
20	T. A. Jones.	Mapleton	102	828				
21	Joe Staton	do.	137	800				
22	Will Berry.	Monica	175	620				
23	Patrick Martin.	Peoria		600				
24	David Roberts	Mapleton		560				
25	Kellers Coal Co., No. 1	Bartonville		550				
26	Kellers Coal Co., No. 1	do.		500				
27	Camille Davis.	Mapleton		400				
28	Fred Martin.	Peoria		349				
29	Lorenzo Clarkson.	Oak Hill		318				
30	Edward Seigel	Edwards		300				
31	H. J. Green	Hanna City		200				

Peoria County—Third District—Continued.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	Number.
	199, 196	\$191, 726	197, 006			2, 190	239	199, 196	145	55	200	1
	126, 369	121, 630	105, 901	18, 168		2, 300	252	126, 369	90	47	137	2
577	109, 530	109, 530	107, 870			1, 660	253	109, 530	65	20	85	3
	65, 305	71, 863	62, 664		1, 152	1, 489	244	65, 305	61	24	85	4
	64, 500	69, 209	62, 639		317	1, 544	237	64, 500	62	25	87	5
	53, 270	64, 685	51, 889		200	1, 181	160	53, 270	70	22	92	6
	49, 687	52, 494	48, 787			900	244	49, 687	28	11	39	7
	45, 319	50, 349	44, 088		229	1, 002	209	45, 319	42	21	63	8
	45, 200	57, 960	42, 000		3, 200		211	45, 200	40	9	49	9
	31, 952	33, 540	31, 643			309	249	31, 952	32	9	41	10
	26, 120	26, 120	24, 120		2, 000		236	26, 120	30	4	38	11
	24, 492	24, 997	22, 582		1, 400	510	211	24, 492	35	19	54	12
	23, 508	23, 900	23, 000			508	171	23, 508	30	9	39	13
720	19, 000	20, 896	18, 281			719	172	19, 000	30	16	46	14
	12, 945	21, 663	11, 385		1, 560		217		30	6	36	15
	11, 520	11, 520	6, 159	3, 903	128	1, 330	210	11, 520	11	5	16	16
	4, 100	4, 905	4, 000			100	238	4, 100	8	2	10	17
	340	340	340				100	340	5	2	7	18
1, 297	912, 353	957, 327	864, 354	22, 071	10, 186	15, 742	214	899, 408	814	310	1, 124	
	23, 965	\$23, 965			23, 965	295	23, 965	16	3		19	1
	20, 088	30, 118			20, 088	225	20, 088	25	4		29	2
	11, 881	16, 336			11, 881	250	11, 881	11	4		15	3
	5, 935	8, 902			5, 935	148	5, 935	10	2		12	4
	5, 000	6, 875			5, 000	200	5, 000	4	2		6	5
	4, 757	6, 396			4, 757	165	4, 757	12	2		14	6
	3, 926	5, 393			3, 926	208	3, 926	4	2		6	7
	3, 980	5, 435			3, 980	196	3, 980	16	2		18	8
	3, 500	5, 250			3, 500	225	3, 500	5	1		6	9
	2, 700	5, 400			2, 700	150	2, 700	5	1		6	10
	2, 271	4, 417			2, 271	224	2, 271	6	1		7	11
	2, 120	3, 180			2, 120	200	2, 120	4	1		5	12
	2, 080	2, 860			2, 080	180	2, 080	6	2		8	13
	2, 040	4, 030			2, 040	285	2, 040	7	2		9	14
	1, 920	2, 640			1, 920	185	1, 920	8	2		10	15
	1, 604	2, 206			1, 604	130	1, 604	4	1		5	16
	1, 280	1, 760			1, 280	160	1, 280	2	1		3	17
	1, 054	1, 581			1, 054	211	1, 054	2			2	18
	6, 500	9, 313			6, 500	160	6, 500	15	3		18	19
	930	1, 240			930	150	930	4			4	20
	937	1, 237			937	100	937	6		1	7	21
	795	1, 260			795	130	795	2	1		3	22
	600	825			600	30	600	6	2		8	23
	560	770			560	130	560	5	1		6	24
	550	743			550	50	550	3		1	4	25
	500	675			500	200	500	2			2	26
	400	600			400	100	400	1			1	27
	349	480			349	125	349	1		1	2	28
	318	477			318	130	318	1		1	2	29
	300	375			300	150	300	1			1	30
	200	300			200	130	200	1		1	2	31

Peoria County—Third District—1907—Concluded.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
32	Thomas Jones.....	Peoria.....	.....	100	.....	.....	.....
33	S. P. Van Norman.....	Mapleton.....	.....	88	.....	.....	.....
34	R. Taylor.....	Princeville.....	.....	1,542	.....	.....	.....
	Totals.....	.....	36,002	78,768	.....	.....	.....
	Totals—52 mines.....	.....	266,000	554,473	.....	55,793	149,160

Mines reported for 1906, 84.

New mines, 4.

Abandoned mines and not reported, 36.

Mines in 1907, 52.

Putnam County—Third District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine-run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	St. Paul Coal Co., No. 1.....	Granville.....	21,646	190,985	.....	.....	41,009
2	B. F. Berry Coal Co.....	do.....	9,228	4,133	.....	.....	1,709
	Totals .....	.....	30,874	195,118	.....	.....	42,718

Mines reported for 1906, 1.

New mines, 1.

Mines in 1907, 2.

Peoria County—Third District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	100	\$ 150	.....	.....	100	.....	175	100	2	.....	2	32
.....	88	110	.....	.....	88	.....	30	88	2	.....	2	33
.....	1,542	3,084	.....	.....	1,542	.....	160	1,542	6	1	7	34
.....	114,770	\$158,383	.....	.....	114,770	.....	164	114,770	205	46	251	
1,297	1,027,123	\$1,115,710	864,354	22,071	124,956	15,742	....	1,014,178	1,019	356	1,375	

Putnam County—Third District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	253,640	\$454,220	243,637	2,839	4,350	2,814	280	253,640	271	99	370	1
.....	15,070	22,679	12,950	.....	233	1,887	270	15,070	114	75	189	2
.....	268,710	\$476,899	256,587	2,839	4,583	4,701	275	268,710	385	174	559	

Stark County—Third District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Watson Coal Co.....	Wyoming.....	1,553	2,084			1,091
2	J. J. Flemming	do.....	962	2,865		30	40
Totals			2,515	4,949		30	1,131
LOCAL MINES.							
1	Wm. B. Ballentine	Wyoming		3,805			425
2	Jesse Savill	do.....		2,121			800
3	Nicholas Peterson.....	Bradford.....		2,000			80
4	Shady Lane Coal Co.....	Wyoming		1,722			320
5	Robert Carney	Bradford.....		1,600			
6	J. M. Robinson.....	Elmira.....		1,208			
7	Norris D. Lyle.....	Bradford.....		1,064			
8	Charles Montooth.....	do.....		1,000			200
9	Bardman & Oziah.....	Toulon		10			
Total				14,530			1,825
Total—11 mines.....			2,515	19,479		30	2,956

Mines reported for 1906, 18.

New mines, 2.

Abandoned mines, 9.

Mines in 1907, 11.

Woodford County—Third District—1907.

Number.	NAME OF OPERATOR.	Postoffice address, of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Roanoke Coal Mining Co.,	Roanoke	22,612	57,702	1,861	.....	5,897
2	Minonk Coal Co., No. 2.....	Minonk.....	.....	33,189	11,563	.....	10,551
Totals			22,613	90,891	13,424	.....	16,448

Mines reported for 1906, 2.

Mines in 1907, 2.

Stark County—Third District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	Number.
300	5,028	\$6,209	379	.....	4,349	300	200	5,028	10	5	15	1
200	4,097	6,309	2,471	.....	1,426	200	175	4,097	4	3	7	2
500	9,125	\$12,518	2,850	.....	5,775	500	188	9,125	14	8	22	
.....	4,230	\$6,871	.....	.....	4,230	.....	300	4,230	18	2	20	1
.....	2,921	4,112	.....	.....	2,921	.....	240	2,921	6	2	8	2
.....	2,080	4,080	.....	.....	2,080	.....	200	2,080	6	1	7	3
.....	2,042	3,604	.....	.....	2,042	.....	160	2,042	10	2	12	4
.....	1,600	3,600	.....	.....	1,600	.....	250	1,600	5	2	7	5
.....	1,208	2,114	.....	.....	1,208	.....	210	1,208	3	2	10	6
.....	1,064	1,862	.....	.....	1,064	.....	200	1,064	5	1	6	7
.....	1,200	2,200	.....	.....	1,200	.....	200	1,200	6	2	8	8
.....	10	20	.....	.....	10	.....	65	10	3	1	4	8
.....	16,355	\$28,463	.....	.....	16,355	.....	220	16,355	67	15	82	
500	25,480	\$40,981	2,850	.....	22,130	500	.....	25,480	81	23	104	

Woodford County—Third District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	Number.
7,367	95,440	\$138,049	76,135	6,303	5,635	7,367	257	95,440	189	51	210	1
.....	55,303	110,354	43,208	.....	9,230	2,865	247	55,303	136	42	178	2
7,367	150,743	\$248,403	119,343	6,303	14,865	10,232	252	150,743	295	93	388	

Shipping Mines—Recapitulation by Counties—

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Livingston	3	96,913	78,826	8,456	17,237	35,921	.....	237,353	\$0.749	.....
Marshall	4	134,105	223,486	9,458	698	75,770	21,402	464,919	0.818	.....
Peoria	18	229,998	475,705	.....	55,793	149,560	1,297	912,353	0.62	.....
Putnam	2	30,874	195,118	.....	.....	42,718	.....	268,710	0.823	.....
Stark	2	2,515	4,949	.....	30	1,131	500	9,125	0.783	.....
Woodford	2	22,613	90,891	13,424	.....	16,448	7,367	150,743	0.82	.....
Totals and av.....	31	517,618	1,068,975	31,338	73,758	321,548	30,566	2,043,203	\$0.75	.....

Local Mines—Recapitulation by Counties—

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Livingston	6	31,438	1,020	.....	.....	.....	.....	32,458	\$0.7135	.....
Marshall	9	.....	6,806	.....	.....	.....	.....	6,806	.....	.....
Peoria	34	36,002	78,768	.....	.....	.....	.....	114,770	0.7082	.....
Stark	9	.....	14,530	.....	.....	1,825	.....	16,355	1.0245	.....
Totals and av	58	67,440	101,124	.....	.....	1,825	.....	170,389	0.6972	.....
Totals, district — all mines	89	584,458	1,170,099	31,338	73,758	323,373	30,566	2,213,592	.....	.....

Whole number of mines reported in 1906, 129.

Number of new mines opened during the year, 8.

Number of mines abandoned and not reported during the year, 48.

Whole number of mines reported in 1907, 89.

Third District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYEES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employes.	Total.
243	237,353	.....	\$1.116	\$1.898	\$1.75	\$1.299	\$0.69	.....	331	153	484
258	464,919	.....	1.34	1.687	1.37	1.390	0.796	\$0.486	698	231	919
214	899,408	12,945	1.00	1.339	.....	0.857	0.284	0.30	814	310	1,124
275	268,710	.....	1.42	2.11	.....	.....	0.50	.....	385	174	559
188	9,125	.....	1.25	1.75	.....	0.75	0.50	0.25	14	8	22
252	150,743	.....	1.45	1.948	1.639	.....	0.785	0.40	295	93	388
227	2,030,258	12,945	\$1.156	\$1.647	\$1.609	\$0.965	\$0.505	\$0.453	2,527	969	3,496

Third District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYEES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employes.	Total.
229	32,458	.....	\$1.0662	\$2.25	.....	.....	.....	.....	71	23	94
167	6,806	.....	.....	1.50	.....	.....	.....	.....	29	5	34
164	114,770	.....	1.1052	1.5057	.....	.....	.....	.....	205	46	251
197	16,355	.....	.....	1.8865	.....	.....	\$0.577	.....	67	15	82
176	170,389	.....	\$1.087	\$1.568	.....	.....	\$0.577	.....	372	89	461
.....	2,200,647	12,945	.....	.....	.....	.....	.....	.....	2,899	1,058	3,957

FOURTH INSPECTION DISTRICT—1907.

SECOND ANNUAL REPORT.

Counties—Fulton, Hancock, McDonough, McLean, Tazewell.

THOMAS WEEKS, *Inspector*, Bloomington, Ill.

HON. DAVID ROSS,

Secretary, State Bureau of Labor Statistics, Springfield.

SIR—In compliance with the law of the State of Illinois, defining the duties of the state inspectors of coal mines, I have the honor to herewith submit the second annual report as now formed of the coal mines in the fourth inspection district. The tabular statements in this report contain the different items called for in the schedules; the following is a summary of the items contained in the report.

Number of mines.....	147
Number of new mines.....	7
Number of abandoned mines.....	33
Number of shipping mines.....	33
Number of local mines.....	114
Total tons all grades of coal.....	2,423,166
Tons of mine run coal.....	527,122
Tons of lump coal.....	924,853
Tons of egg coal.....	359,379
Tons of nut coal.....	70,469
Tons of screenings coal.....	503,432
Tons of slack or waste coal.....	37,911
Average value per ton of mine run, shipping mines.....	\$1.277
Average value per ton of lump, shipping mines.....	\$1.536
Average value per ton of egg, shipping mines.....	\$1.411
Average value per ton of nut, shipping mines.....	\$1.242
Average value per ton of screenings, shipping mines.....	\$0.447
Average value per ton of slack or waste, shipping mines.....	\$0.237
Aggregate value of total product, all mines.....	\$2,940,578
Tons loaded on cars for shipment.....	2,062,944
Tons supplied to locomotives at mines.....	67,432
Tons sold to local trade.....	228,243
Tons consumed or wasted at the mines.....	64,547
Average number of days of active operation shipping mines.....	226
Tons mined by hand.....	2,423,166
Number of miners.....	3,013
Number of other employes underground.....	647
Number of boys underground.....	58
Number of employes above ground.....	327
Total number of employes.....	4,045
Number of kegs of powder consumed.....	118,124
Amount of dynamite used, pounds.....	1,700
Number of fatal accidents.....	5
Number of non-fatal accidents.....	14
Number of wives made widows.....	1
Number of children left fatherless.....	4
Number of employes to each fatal accident.....	809
Number of tons of coal to each fatal accident.....	484,633
Ratio of fatal accidents per 1,000 persons employed.....	1.2
Number of employes to each non-fatal accident.....	289
Number of tons of coal to each non-fatal accident.....	173,083

NEW MINES.

The Simmons Coal Co. has opened a new mine one and a half miles north of Canton on the C. B. & Q. R. R. and began mining coal for shipment July 1, 1907. The No. 5 seam was reached at a depth of about 130 feet. The mine is equipped with all the modern improvements and when fully developed will add materially to the output of Fulton county.

The Crescent Coal Co. has opened a small mine at Breeds on the T. P. & W. R. R.

ABANDONED MINES.

The Canton Union Coal Co. has abandoned its mine located on the T. P. & W. R. R. west of Canton.

This is the only shipping mine that has been abandoned during the year; among the local mines there have been the usual changes, a number being abandoned, and a like number opened, taking their places.

IMPROVEMENTS.

During the year the Monmouth Coal Company located at Brereton, Fulton county, has installed an electric haulage system in its mine; the plant consists of a 150 K. W. generator and a 10-ton motor, with over head trolley; the generator house is brick 20 by 22 feet. The company has also put in one new boiler 72 inches in diameter, and 18 feet long, with 70 four-inch flues making in all a battery of four boilers. In preparing for the electric haulage in the mine 6,000 feet of 16 pound rails were taken up and replaced by 30 pound rails, laid on ties 6 inches by 6 inches, 5 feet long. The slate in the entries was brushed down for a distance of 3,000 feet. This haulage was completed and put in operation about July 1, 1907, and is giving entire satisfaction; the management expect in a very short time, to bring the output to 1,500 tons a day. The plant was installed by the Goodman Manufacturing Company of Chicago, Ill.

The Whitebreast Fuel Company during the year installed electric haulage in its E. Mine at Dunfermline, Fulton county, which is doing effective work.

BUSINESS CHANGES.

November 15, 1906, the Whitebreast Fuel Co., disposed of its D. Mine, located at St. David, Fulton county, to W. D. Myers of Canton, who is now operating it. April 30, 1907 the same company sold its mine E, located at Dunfermline, to the Big Creek Coal Company of St. David, this company is now operating this mine.

FATAL ACCIDENTS.

September 17, 1906, Benedetto Aslange, miner, aged 47 years, employed in the mine of the Tazewell Coal Company, Pekin, was fatally burned by the explosion of a keg of powder; he had lighted a piece of fuse to test it; while it was burning he threw it into the powder, causing the explosion. He died about eight hours after the accident. He leaves a widow and four children.

September 19, 1906. George Walton, driver, aged 23 years, single, employed in the mine of the Maplewood Coal Co. at Farmington, was instantly killed by a loaded pit car. The deceased was taking a trip of two loaded cars from the parting to the bottom of the shaft; sitting on a seat hung on the front end of the first car; when about 400 feet from the parting the seat became detached from the car, Walton falling in front of the trip; he was dragged about 50 feet.

The driver following him on the road ran into Walton's trip, and going forward found deceased under the cars, his neck was broken and chest badly crushed.

December 19, 1906, John Entwistle, miner aged 44 years single, in the employ of John Wilson, at Colchester, was instantly killed by falling rock on the roadway of his room about 36 feet from the face; the deceased had finished his day's work and was pushing his car out of the room when the rock which had been loosened by a clay slip suddenly fell on him; the rock was about 7 feet long, 5 feet wide and six inches thick.

January 5, 1907, John Bullough, miner, aged 66 years single in the employ of the Norris Coal Mining Company, Norris, was instantly killed by falling rock. The deceased was wedging down some top coal, when the rock which had been loosened by a shot and was partly held by the coal, suddenly fell, crushing him beneath.

May 29, 1907. John Vacca, miner, aged 25 years, single, was fatally burned by the explosion of a keg of powder and died from the effects June 1, 1907. The exact circumstances under which the powder was ignited cannot be told, but, it was supposed that the deceased was filling a powder jack from the keg with his lamp on his head and that a spark from the lamp fell into the powder.

In conclusion I desire to thank the county mine inspectors of Fulton, McDonough and Tazewell counties for their active and efficient services during the past year.

Respectfully submitted,

THOMAS WEEKS,

State Mine Inspector, Fourth District, Bloomington, Ill.

Fatal Casualties—Fourth District—July 1, 1907.

Date.	Name.	Age.	Occupation.	Residence. (Town)	Married.	Widows.	Children.	Single. Persons dependent.	Cause of Accident.
1906									
Sept. 17	Benedetti Aslange.	47	Miner.	Pekin	1	1	4	5	Powder explosion...
Sept. 19	George Walton.	23	Driver	Farmington				1	Pit cars
Dec. 19	John Entwistle.	44	Miner	Colchester				1	Falling rock
1907									
Jan. 5	John Bullough.	66	do.	Norris				1	do.
May 29	John Vacca.	19	do.	St. David.				1	Powder explosion...
	Totals.				1	1	4	4	5

Recapitulation of Fatal Casualties—Fourth District—1907.

Residence.	No.	Occupation.	No.	Nature of Casualty.	No.	Colliery.	No.
Colchester	1	Driver	1	Falling rock	2	Big Creek Coal Co.	1
Farmington	1	Miners	4	Pit cars	1	Maplewood Coal Co.	1
Norris	1			Powder explosion...	2	Norris Coal Mining Co.	1
Pekin	1					Tazewell Coal Co.	1
St. David.	1					Wilson, John	1
Totals.	5		5		5		5

Non-Fatal Casualties—Fourth District—July 1, 1907.

Date.	Name.	Age	Residence (Town).	Married. Single.	Children.	No. persons dependent.	Character of Injury and Cause of Accident.	Time lost— days.
1906								
July 14	Martin Voglsang.....	37	East Peoria...	1	5	6	Arm and ribs broken, falling from tower.....	69
24	Edward Perrin.....	52	..do.....	1	...	1	Hips bruised, falling slate...	30
Aug. 23	Ralph Peltnon.....	33	Farmington ..	1	1	2	Leg broken, head and face in- jured, falling rock.....	90
Sept. 22	M. Shonts.....	21	Bloomington ..	1	...	...	Finger cut off, falling coal...	30
Oct. 15	Vinzel Grenko.....	35	Brereton	1	1	...	Body bruised, flying coal.....	42
Nov. 10	A. Canoni.....	32	Pekin	1	1	...	Body bruised, premature blast	90
25	Harry Wallace.....	45	East Peoria...	1	4	5	Body burned, water and steam	108
30	James McNally.....	50	Canton	1	5	5	Leg broken, falling coal	170
1907								
Feb. 1	Otto Wendle.....	23	Bloomington ..	1	...	1	Head and foot injured, falling slate.....	42
Mch. 16	J. Halkoski.....	45	..do.....	1	3	4	Shoulder and back bruised, falling slate.....	42
26	Albert Knight.....	24	Cuba.....	1	...	...	Body burned, premature blast	62
26	Thomas Mason.....	28	..do.....	1	...	1	Body burned, premature blast	36
30	J. Erickson.....	70	Bloomington ..	1	3	1	Thigh bruised, falling slate..	35
June 13	F. Fisher.....	19	Pekin.....	1	1	...	Finger cut off, falling slate..	*
	Totals.....			8	6	21	26	

*Not recovered July 1, 1907.

Total number of men injured.....	14
Number not recovered July 1, 1907.....	1
Number recovered July 1, 1907.....	13
Total time lost by men recovered—days.....	846
Average time by men recovered—days.....	65.08

Recapitulation of Non-Fatal Casualties—Fourth District—1907.

Residence.	No.	Occupation.	No.	Cause of Accident.	No.	Colliery.	No.
Bloomington..	4	Engineer.....	1	Falling coal.....	1	Big Creek Coal Co.....	2
Brereton.....	1	Miners.....	12	Falling from tower..	1	Carter's mine.....	1
Canton.....	1	Shot firer.....	1	Falling rock.....	1	Eagle mine.....	1
Cuba.....	2			Falling slate.....	5	Eastern Coal Co.....	1
East Peoria...	3			Flying coal.....	2	Gieherhausen.....	1
Farmington...	1			Premature blast.....	3	Maplewood Coal Co.....	1
Pekin.....	2			Water and steam...	1	McLean County Coal Co...	4
						Monmouth Coal Co.....	1
						Tazewell Coal Co.....	2
Totals.....	14		14		14		14

Table Showing the Nature of Injuries, Number of Persons Injured, Dependents, Time Lost, with Averages and Percentages.

NATURE OF INJURIES.	Number.	Married.	Single.	Dependents.	TIME LOST.		Per cent of injuries.
					Total days.	Average days.	
Arm and ribs broken.....	1	1		6	69	69.00	7.69
Bodies bruised.....	2	1		5	150	75.00	15.39
Bodies burned.....	3	1	1	1	188	62.67	23.08
Fingers cut off.....	2		2		30	30.00	7.70
Head and foot injured.....	1	1		1	42	42.00	7.69
Hips bruised.....	1	1		1	30	30.00	7.69
Leg broken.....	1		1	5	170	170.00	7.69
Leg broken, head and face injured.....	1	1		2	90	90.00	7.69
Shoulder and back bruised.....	1	1		4	42	42.00	7.69
Thigh bruised.....	1	1		1	35	35.00	7.69
Totals, averages and percentages...	14	8	6	26	846	65.08	100.00

Fulton County—Fourth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SPIIPPING MINES.							
1	Big Creek Coal Co., No. 2.....	St. Davids	22,968	71,555	81,480	4,720	80,767
2	Monmouth Coal Co., No. 1.....	Brereton	2,314	75,288	56,639	16,469	62,383
3	Maplewood Colliery Co., No. 2.....	Farmington	738	87,468	60,564	3,415	64,036
4	Maplewood Coal Co., No. 1.....	do.	4,272	70,913	23,355	2,511	56,116
5	Canton Coal Co., Drakes	Canton	162,363				
6	Whitebreast Fuel Co., E.....	Dunfermline	7,771	30,019	55,858	14,555	36,324
7	Norris Coal Mining Co., No. 1.....	Norris	1,951	65,290	30,122	2,080	33,389
8	Big Creek Coal Co., No. 3.....	Cuba	3,420	32,202	35,720		39,418
9	Star Coal Co., No. 1.....	do.		56,994	1,200		22,302
10	Applegate & Lewis Coal Co., No. 1.....	do.	34,421	25,791		1,818	12,026
11	Eagle Mining Co., Eagle Mine.....	Canton	4,367	42,043		9,812	13,265
12	Newsam Bros., Maplewood	Farmington	150	52,750			13,689
13	East Cuba Coal Mining Co., No. 1.....	Cuba	46,923				
14	Monarch Coal & Mining Co., Monarch	Farmington	7,936	14,361			6,234
15	Big Creek Coal Co., No. 4.....	Dunfermline		9,344	9,421	705	8,665
16	Astoria Woodland Coal Co. No. 1.....	Astoria.....	2,469	12,413		4,928	4,161
17	W. D. Myers, Buckhart.....	St. Davids	22,883				
18	Spoon River Coal Co., Ellisville.....	Ellisville.....	6,417	11,375			4,505
19	Farmington Coal Co., Nickel Plate.....	Farmington	2,008	12,512			4,971
20	Whitebreast Fuel Co., D.....	St. Davids		8,023		1,526	3,342
21	Crescent Coal Co., No. 1.....	Breeds	4,141				
22	J. R. Riley, Rileys.....	do.	8,100	200			60
23	Galesburg Un. Sup. Co., Tates Mine.....	Parrville.....	292	4,200			
24	Essex & Fritz Coal M. Co., Parr Mine.....	do.		5,442			200
Totals			344,904	698,173	354,379	62,569	465,853
LOCAL MINES.							
1	James Yocum.....	Lewistown.....		5,800		1,400	
2	W. C. Anderson.....	Canton		4,000			
3	George Westerby.....	Farmington.....		3,000		500	
4	Joe McGlaughlin.....	Canton R. R. 8		2,800			
5	C. N. Westerfield.....	Canton		2,600			
6	C. McBroom.....	do.		2,500			
7	J. M. Davis.....	Vermont.....		2,021			
8	Emberling Coal Co.....	Ellisville.....		2,000			
9	Henry Vice.....	Fairview.....		1,210			
10	P. J. Tingley.....	Vermont.....		1,220			
11	Eli Clemens.....	Spava.....		1,200			
12	D. T. Ewing.....	Astoria.....		1,040			
13	Ed Wages.....	Canton		960			
14	John Kinnamon.....	Ipava.....		3,080			
15	A. J. Gunnett.....	Fairview.....		821			
16	L. D. Huggins.....	Canton		800			
17	C. A. Frazell.....	Farmington.....		800			
18	A. L. Cooper.....	Marietta.....		800			
19	W. Whittle.....	Fairview.....		640			
20	Adams & Huff.....	Cuba		612			
21	Mordeca Morris.....	Flatt.....		618			
22	James May.....	Lewistown.....		600			
23	E. R. Knickerbocker.....	Fairview.....		600			
24	J. E. Clark.....	Glassford.....		600			
25	H. Dills & Finrock.....	do.		600			
26	Joseph Wilson.....	Astoria.....		556			

Fulton County—Fourth District—Continued.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	Number.
3,719	261,490	\$283,831	258,670	1,430		1,390	262	261,490	221	69	290	1
	215,832	247,360	210,821		1,295	3,716	217	215,832	195	97	292	2
10,281	216,221	212,558	212,530		26	3,665	267	216,221	228	80	307	3
	167,448	168,928	162,570	907	1,277	2,694	230	167,448	160	97	257	4
	162,363	194,836	158,363		4,000		251	162,363	137	53	190	5
	144,527	168,571	138,627		400	5,500	177	144,527	169	68	237	6
1,457	134,279	171,455	113,122	17,900	1,457	1,800	234	134,279	135	50	185	7
	110,760	166,572	107,240	1,400		2,120	262	110,760	107	46	15	8
	80,496	90,098	79,455			1,041	201	80,496	76	27	103	9
4,132	78,188	88,637	61,182	12,674	200	4,132	212	78,188	96	39	135	10
938	70,455	85,797	63,526		5,993	936	234	70,455	82	26	108	11
	66,589	88,787	62,153		2,231	2,205	267	66,589	53	24	79	12
	46,923	93,816	44,923			2,000	194	46,923	55	17	72	13
326	24,857	34,919	26,835		496	1,526	252	24,857	29	16	45	14
	24,135	31,121	27,335			800	28	24,135	52	7	59	15
1,721	25,692	29,684	23,971			1,721	170	25,692	38	13	51	16
	22,883	27,460	20,883			2,000	168	22,883	46	18	64	17
500	22,797	31,723	22,147	100	50	500	220	22,797	25	11	36	18
701	20,192	25,863	18,156		1,335	701	215	20,192	29	19	48	19
	12,891	14,333	12,391			500	78	12,891	43	18	61	20
	4,111	4,762	3,921	42	100	75	180	4,111	10	3	13	21
	8,360	9,654	8,260		100		208	8,360	10	3	14	22
1,462	5,954	5,623	5,954				250	5,954	8	4	12	23
	5,642	8,273	5,582			60	250	5,642	7		7	24
25,237	1,941,115	\$2,254,721	1,848,620	34,453	18,960	39,082	223	1,941,115	2,013	806	2,819	
	7,200	\$12,250			7,200		250	7,200	10	2	12	1
	4,000	5,000					250	4,000	14	2	16	2
500	4,000	6,188			4,000		200	4,000	6	3	9	3
100	2,900	3,523			2,900		260	2,900	10	2	12	4
	2,680	4,020			2,680		200	2,680	7	1	8	5
	2,500	3,750			2,500		200	2,500	7	2	9	6
	2,024	4,018			2,024		200	2,024	6	1	7	7
	2,000	3,500			2,000		141	2,000	6	2	8	8
	1,240	1,550			1,240		175	1,240	6	2	8	9
44	1,264	2,462			1,264		235	1,264	6	1	7	10
	1,200	2,100			1,200		250	1,200	2		2	11
	1,010	2,080			1,010		200	1,040	3	1	4	12
	988	1,207			988		150	988	3		3	13
28	3,305	5,503			3,305		300	3,305	4		4	14
225	821	1,231			821		200	821	5		5	15
	800	1,000			800		160	800	2		2	16
100	900	1,400			900		190	900	9	1	10	17
	800	1,200			800		150	900	2		2	18
	640	800			640		150	640	2		2	19
	602	752			602		150	602	4		4	20
	618	927			618		150	618	3		3	21
8	608	1,058			608		135	608	5	1	6	22
	600	900			600		135	600	2		2	23
	600	900			600		120	600	2		2	24
	600	750			600		140	600	3	1	4	25
	506	1,112			556		100	556	3		3	26

Fulton County—Fourth District—Continued.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egs.	Nut.	Pea or screenings.
SHIPPING MINES— <i>Concluded.</i>							
27	A. B. Nace.	Farmington.		500			
28	Martin & Son.	Canton.		480			
29	Wm. Fouraker.	Marietta.		400			
30	C. W. Oliver.	Breeds.		400			
31	John W. Bakestraw.	St. Davids.		350			
32	George Gibboney.	Ipava.		320			
33	Shuman Ketcham.	Breeds.		320			
34	Arthur Smith.	Vermont.		280			
35	G. A. Pollitt.	Canton.		240			
36	Daniel T. Williams.	do.		200			
37	Ben Eveland.	Lewistown.		160			
38	M. C. Haller.	Canton.		144			
39	James Raker.	Lewistown.		120			
40	John Snyder.	Canton.		120			
41	John Gullet.	Banner R. R. 5.		120			
42	Franklin Bros.	Marrietta.		120			
43	John Loffdon.	Canton.		120			
44	Standard Co-operative Co.	do.		1,736			
45	John Lamb.	Maples Mills.		60			
46	Oscar Oleson.	Breeds.		40			
47	Detnos & Strickland.	Canton.		561			
48	W. H. Murphy.	do.		745			
49	L. M. Turner.	Fairview.		80			
Totals.				49,197		1,900	
Total—73 mines.			344,904	737,370	354,379	64,469	465,853

Mines reported for 1906, 88.

New mines, 4.

Abandoned mines, 19

Mines in 1907, 73.

Fulton County—Fourth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.		
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.
	500	\$875			500		100	500	3		3
	480	720			480		170	480	5		5
	400	700			400		170	400	6		6
90	490	545			490		150	490	5		5
70	420	560			420		95	420	8		8
	320	520			320		130	320	2		2
	320	400			320		130	320	2		2
24	304	584			304		150	304	2		2
	240	300			240		100	240	4		4
	200	250			200		100	200	3		3
	160	160			160		80	160	2		2
	144	180			144		60	144	2		2
	120	150			120		30	120	2		2
	120	150			120		30	120	2		2
	120	150			120		90	120	2		2
	120	180			120		90	120	2		2
	120	150			120		90	120	1		1
	1,736	2,604			1,736		170	1,736	10		10
	60	75			60		20	60	1		1
	40	60			40		20	40	1		1
	561	701			561		90	561	1		1
	745	1,024			745		230	745	2		2
	80	100			80		30	80	1		1
1,189	52,286	\$80,351			52,286		145	52,286	201	22	223
26,436	1,993,401	\$2,335,072	1,848,620	34,453	71,246	39,082	.....	1,993,401	2,214	828	3,042

Hancock County—Fourth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Meridith Bros., R. R. shaft	Augusta.....		8,400			
	Totals			8,400			
LOCAL MINES.							
1	W. C. Courtney	Augusta.....		1,200			
2	L. Bennett	do.....		640			
3	W. C. Young.....	do.....		432			
4	C. H. Ellis.....	do.....		380			
5	Webster & Ring	do.....		240			
6	George Wilson.....	do.....		240			
	Totals			3,132			
	Totals—7 mines.....			11,532			

Mines reported for 1906, 5.

New mines, 2.

Mines in 1907, 7.

Hancock County—Fourth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	8,400	\$16,800	7,500	.....	900	.....	205	8,400	11	3	14	1
.....	8,400	\$16,800	7,500	.....	900	.....	205	8,400	11	3	14	
.....	1,200	\$2,700	.....	.....	1,200	.....	220	1,200	5	.....	5	1
.....	640	1,440	.....	.....	640	.....	150	640	5	.....	5	2
.....	432	972	.....	.....	432	.....	128	432	1	.....	1	3
.....	380	855	.....	.....	380	.....	150	380	2	.....	2	4
.....	240	540	.....	.....	240	.....	130	240	5	.....	5	5
.....	240	540	.....	.....	240	.....	130	240	2	.....	2	6
.....	3,132	\$7,047	.....	.....	3,132	.....	151	3,132	20	.....	20	
.....	11,532	\$23,847	.....	.....	4,032	.....	.....	11,532	31	3	34	

McDonough County—Fourth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Burney Coal Co. A	Colchester	12,543				6,430
LOCAL MINES.							
1	John Wilson	Colchester	3,472				
2	Ralph Oldham	do.	2,224				
3	W. H. Robinson	do.	1,201				
4	George Hume	do.	1,204				
5	John Berry	do.	1,000				
6	Fred Curtis	Macomb	880				
7	T. E. Wilson	Blandinsville	720				
8	C. H. Price	Macomb R. R. 6	720				
9	Walter Upham	Colchester	635				
10	Fox Brothers	do.	567				
11	Joseph W. Harpe	do.	437				
12	Joseph Bunt	do.	412				
13	Russell & Moon	Tennessee	400				
14	R. H. Laity	Colchester	385				
15	W. L. Stoneking	Birmingham	376				
16	Lewis & Lewis	Colchester	353				
17	Rippetoe & Rundle	do.	336				
18	Cal Wayland	do.	320				
19	George McEntire	Industry	320				
20	John R. Betson	Tennessee	280				
21	Waddell Brothers	do.	280				
22	Eli Hillard	Colchester	280				
23	Andrew Swanson	do.	200				
24	Orlando Williams	do.	240				
25	Wm. Kipling	Colchester R. R. No. 7	240				
26	Antone Lakasick	Colchester	216				
27	S. M. McCord	do.	213				
28	Hulson & Repling	do.	210				
29	B. F. Murray	do.	200				
30	Marion McClure	do.	160				
31	Francis Haines	do.	160				
32	Roger Williams	do.	100				
33	Frank Vogler	Birmingham	84				
34	John Larson	Colchester	21				
35	D. E. Perry	do.	20				
36	Samuel Odham	do.	1,824				8
37	Amos Atkinson	do.	1,007				5
38	Charles Sweney	Vermont	900				32
39	Geo. W. Avery	Industry	800				
40	Alla Vawter	Colchester	400				8
41	Wm. Jones	do.	392				
42	John O. Thompson	Macomb	240				
43	Lee McClure	Colchester	160				
44	Fisher & Dickerson	do.	80				20
45	Frank Burdick	Industry	68				
46	Lowrey & Reynolds	Colchester	56				8
47	John Hodgkins	do.	40				
48	Phillip M. Jennings	Industry	565				

McDonough County--Fourth District--Continued.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.					Tons mined by hand.	EMPLOYES.		
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.	Days of active operation.		Average number of miners.	All other employes.	Number.
600	19,573	\$32,153	18,973			600	227	19,573	41	5	46 1
216	3,688	\$6,592			3,688		230	3,688	15	2	17 1
2,221	2,221	4,448			2,221		230	2,224	8	1	9 2
40	1,241	2,722			1,241		250	1,241	6	1	7 3
	1,204	2,408			1,204		205	1,204	8		8 4
	1,000	2,250			1,000		160	1,000	6		6 5
8	888	1,980			880	8	260	888	8	1	9 6
	720	1,800			720		245	720	3	1	4 7
	720	1,440			720		225	720	5		5 8
	635	1,270			635		225	635	2		2 9
	567	1,134			567		150	567	4		4 10
	437	874			437		270	437	3		3 11
	412	927			412		140	412	3		3 12
	400	900			400		160	400	4		4 13
	385	770			385		150	385	1		1 14
	376	658			376		120	376	2		2 15
	353	706			353		150	353	2	1	3 16
64	400	704			336	64	70	400	40	2	42 17
	320	560			320		160	320	3		3 18
	320	640			320		150	320	2		2 19
	280	560			280		200	280	2		2 20
	280	560			280		200	280	2		2 21
	240	630			280		160	280	2		2 22
40	240	470			240		150	240	2		2 23
20	260	430			240	20	250	260	2		2 24
	240	540			240		140	240	2		2 25
	216	432			216		260	216	1		1 26
	213	426			213		150	213	4		4 27
	210	472			210		75	210	4		4 28
	200	400			200		150	200	1		1 29
	160	320			160		100	160	2		2 30
	160	320			160		160	160	1		1 31
	100	200			100		300	100	1		1 32
	84	147			84		60	84	5		5 33
	24	48			24		10	24	1		1 34
	20	40			20		10	20	1		1 35
1,832	3,651				1,832		200	1,832	9		9 36
1,012	2,016				1,012		120	1,012	10		10 37
921	1,824				932		286	932	5		5 38
800	1,360				800		60	800	2		2 39
408	758				408		100	408	4		4 40
392	882				392		150	392	2		2 41
240	420				240		150	240	2		2 42
160	340				160		100	160	2		2 43
100	170				100		50	100	2		2 44
68	153				68		200	68	6		6 45
64	122				64		150	64	1		1 46
40	80				40		50	40	2		2 47
565	1,130				565		119	565	8		8 48

McDonough County—Fourth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES— <i>Concluded.</i>							
49	J. E. Smith	Colchester		28			
50	T. L. Howman.....	Industry		298			
51	Wm. Eddington.....	Macomb		360			
52	John F. Whalin.....	Colchester		200			
53	Andrew Newnecker.....	Bushnell		60			
Totals				26,347			81
Totals—54 mines.....				38,890			6,511

Mines reported for 1906, 67.

Abandoned mines, 13.

Mines in 1907, 54.

McDonough County--Fourth District--1907--Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	28	\$ 56	.....	.....	28	.....	5	28	1	.....	1	49
.....	298	596	.....	.....	298	.....	120	298	4	.....	4	50
.....	360	810	.....	.....	360	.....	180	360	12	.....	12	51
.....	200	400	.....	.....	200	.....	55	200	2	.....	2	52
.....	60	120	.....	.....	60	.....	50	60	3	.....	3	53
388	26,816	\$53,666	.....	.....	26,724	92	152	26,816	225	9	234	
988	46,389	\$85,819	18,973	.....	26,724	692	.....	46,389	266	14	280	

McLean County—Fourth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	McLean County Coal Co., No. 1.....	Bloomington..	14,000	76,000	5,000	6,000	6,000
2	Colfax Coöperative Co., No. 1.....	Colfax.....	19,000	14,203	.....	.....	4,740
Totals			33,000	90,203	5,000	6,000	10,740

Mines reported for 1906, 3.

Abandoned mines, 1.

Mines in 1907, 2.

McLean County—Fourth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
10,000	117,000	\$178,600	20,000	25,000	55,000	17,000	225	117,000	180	75	255	1
.....	37,943	54,507	22,003	7,289	5,000	3,651	288	37,943	30	18	48	2
10,000	154,943	\$233,107	42,003	32,289	60,000	20,651	257	154,943	210	93	303	

Tazewell County—Fourth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Phoenix Coal Co.	Peoria	50,214	.....	.....	.....	1,200
2	Tazewell Coal Co., Big Four.....	Pekin	40,706	6,264	.....	.....	3,581
3	Eastern Coal Co., Eastern.....	Peoria	41,499	.....	.....	.....	.....
4	Lake Erie Coal & Mining Co., Carters ..	do.	10,365	5,004	.....	.....	1,885
5	Champion Coal Co., Champions.....	Pekin	2,143	6,206	.....	.....	2,468
Totals			144,927	17,474	.....	.....	9,134
LOCAL MINES.							
1	Grant Bros. Coal and Ice Co.	Pekin	4,291	5,000	.....	.....	2,000
2	A. B. Cumming	East Peoria.....	.....	15,565	.....	.....	6,670
3	Bohlender Brothers	Pekin .....	.....	3,840	.....	.....	.....
4	G. Geibelhausen	R. No. 34 .....	.....	.....	.....	.....	.....
5	R. J. Schuster & Bros.....	Peoria .....	.....	2,367	.....	.....	1,183
6	J. E. Schuster & Bro.....	R. F. D. No. 3 .....	.....	.....	.....	.....	.....
		Peoria .....	.....	1,612	.....	.....	1,031
		1040 Star st. ....	.....	.....	.....	.....	.....
		Peoria .....	.....	1,000	.....	.....	310
Totals			4,291	29,384	.....	.....	11,194
Totals—11 mines.....			149,218	46,858	.....	.....	20,328

Mines reported for 1906, 12.

Abandoned mines, 1.

Mines in 1907, 11.

Tazewell County—Fourth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	51,414	\$58,346	50,214	.....	.....	1,200	216	51,414	50	26	76	1
497	51,048	62,551	46,931	.....	3,620	497	226	51,048	69	21	90	2
.....	41,499	51,874	41,090	.....	.....	409	225	41,499	60	7	67	3
.....	17,254	20,180	2,613	.....	13,725	916	258	17,254	22	9	31	4
.....	10,817	13,115	5,000	690	4,927	200	230	10,817	20	5	25	5
497	172,032	\$206,066	145,848	690	22,272	3,222	231	172,032	221	68	289	
.....	11,291	\$14,564	.....	.....	10,391	900	264	11,291	20	7	27	1
.....	22,235	26,794	.....	.....	22,235	.....	230	22,235	22	7	29	2
.....	3,840	6,720	.....	.....	3,840	.....	200	3,840	6	2	8	3
.....	3,550	4,000	.....	.....	3,550	.....	250	3,550	6	2	8	4
.....	2,643	2,934	.....	.....	2,643	.....	109	2,643	7	2	9	5
.....	1,310	1,655	.....	.....	1,310	.....	50	1,310	10	3	13	6
.....	44,869	\$56,667	.....	.....	43,969	900	184	44,869	71	23	94	
49.7	216,901	\$262,733	145,848	690	66,241	4,122	.....	216,901	292	91	383	

Shipping Mines—Recapitulation by

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Fulton.....	24	344,904	688,173	354,379	62,569	465,853	25,237	1,941,115	\$0.62	.....
Hancock.....	1	.....	8,400	.....	.....	.....	.....	8,400	0.62	.....
McDonough.....	1	.....	12,543	.....	.....	6,430	600	19,573	1.09	.....
McLean.....	2	33,000	90,203	5,000	6,000	10,740	10,000	154,943	.7259	.....
Tazewell.....	5	144,927	17,474	.....	.....	9,134	497	172,032	.6171	.....
Totals and av....	33	522,831	816,793	359,379	68,569	492,157	36,334	2,296,063	.6309	.....

Local Mines—Recapitulation by

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Fulton.....	49	.....	49,197	.....	1,900	.....	1,189	52,286	\$0.80	.....
Hancock.....	6	.....	3,132	.....	.....	.....	.....	3,132	1.3750	.....
McDonough.....	53	.....	26,347	.....	...	81	388	26,816	1.3151	.....
Tazewell.....	6	4,291	29,384	.....	.....	11,194	.....	44,869	0.6146	.....
Totals and av....	114	4,291	108,060	.....	1,900	11,275	1,577	127,103	\$0.8574	.....
Totals, district—all mines.....	147	527,122	924,853	359,379	70,469	503,432	37,911	2,423,166	.....	.....

Whole number of mines reported in 1906, 175.
 Number of new mines opened during the year, 7.
 Number of mines abandoned during the year, 35.
 Whole number of mines reported for 1907, 147.

Counties—Fourth District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employees.	Total.
223	1,941,115	.....	\$1.311	\$1.477	\$1.407	\$1.241	\$0.478	\$0.304	2,013	806	2,819
205	8,400	.....	.....	2.00	.....	.....	.....	.....	11	3	14
227	19,573	.....	.....	1.95	.....	.....	1.15	0.50	41	5	46
257	154,943	.....	1.226	1.895	1.70	1.25	0.444	0.10	210	96	306
231	172,032	.....	1.2075	1.50	.....	.....	0.5186	0.25	221	68	289
226	2,296,063	.....	\$1.2779	\$1.536	\$1.4112	\$1.242	\$0.447	\$0.237	2,496	978	3,474

Counties—Fourth District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employees.	Total.
145	52,286	.....	.....	\$1.566	.....	\$1.50	.....	\$0.4278	201	22	223
151	3,132	.....	.....	2.25	.....	.....	.....	.....	20	.....	20
152	26,816	.....	.....	2.029	.....	.....	\$0.6149	0.4312	225	9	234
184	44,869	.....	\$1.25	1.576	.....	.....	0.4456	.....	71	23	94
151	127,103	.....	\$1.25	\$1.701	.....	\$1.50	\$0.4468	\$0.40	517	54	571
.....	2,423,166	.....	.....	.....	.....	.....	.....	.....	3,013	1,032	4,045

FIFTH INSPECTION DISTRICT.

SECOND ANNUAL REPORT.

Counties—Edgar, Macon, Vermilion.

TOM MOSES, *Inspector*, Westville.

HON. DAVID ROSS,

Secretary, State Bureau of Labor Statistics, Springfield.

SIR—In compliance with the law of Illinois defining the duties of State inspectors of coal mines, I have the honor to herewith submit the second annual report of the coal mines in the fifth inspection district for the year ending June 30, 1907. The district includes the coal producing counties of Edgar, Macon and Vermilion.

The tabular statements of this report contain information in regard to the number of mines; miners and other employes; the tons of the various grades of coal produced, the selling price per ton, at the mines; the disposition of the product; whether shipped by rail, sold to local consumers or used for steam and other purposes at the mines; the amount of powder and dynamite used at the mines; the fatal accidents, and all non-fatal accidents causing the loss of thirty days time or more.

The following summary is presented for the district:

Number of shipping mines.....	22
Number of mines in local trade only.....	43
Total number of mines.....	65
Number of miners employed.....	3,152
Number of others employed underground.....	1,061
Number of boys underground.....	168
Number employed on the surface.....	290
Total number of employes.....	4,671
Number of kegs of powder consumed for all purposes.....	131,702
Tons of lump coal produced.....	1,001,108
Tons of all other grades.....	2,315,945
Total product in tons of 2,000 pounds.....	3,317,053
Tons shipped on cars at mines.....	2,797,154
Tons sold to local consumers, shipping mines.....	170,551
Tons sold to local consumers, local mines.....	220,220
Total tons to local trade.....	390,771
Tons used for steam purposes, at mines.....	90,334
Tons supplied to locomotives, at mines.....	38,794
Aggregate value of the total product.....	\$3,387,893
Number of fatal accidents.....	17
Number of non-fatal accidents.....	94
Total number of accidents.....	111
Number of tons to each fatal accident.....	195,121
Number of tons to each non-fatal accident.....	35,288

NEW MINES.

The Jordan Coal Company is sinking a mine northeast of Fairmount Vermilion county, about one and one-half miles on the C. & E. I. railroad; the shaft is now down to the coal, and the company intends to rush develop-

ments so as to supply that part of the county with coal the coming winter.

Reilly & Doughty have opened a drift mine, south of the Vermilion river, at the Western brick plant, west of Danville; they will employ quite a large number of men the coming year. The entire output is consumed by the Western Brick Company of Danville, Vermilion county.

CHANGES IN LOCAL MINES.

The usual changes in local mines took place this year. A great many persons who were engaged in the operation of local mines last year have gone out of business; but others have taken their places, consequently about the same quantity of coal is sold from local mines this year as last.

ABANDONED MINES.

The Dering Coal Co.'s No. 1 Mine, Westville, Vermilion county, was abandoned January 9, 1907, when the tower was destroyed by fire, it was an old mine and nearly worked out.

The Economy Coal Company of Danville, abandoned its mine at Hillery, March 1, 1907.

The Kelly Coal Co. of Westville, abandoned its No. 47 mine, which is better known as the Pawnee mine, March 11, 1907.

IMPROVEMENTS.

The Decatur Coal Company has ordered a new fan for its mine at Niantic.

The Kelly Coal Company of Westville, has been to a great expense fixing up its mines Nos. 42, 45 and 46. These mines were allowed to get into very bad condition by permitting the air courses to become filled with rock and the timbers to be insufficient at nearly all places in the mine. The Company has been hauling the rock out of the mine and dumping it into railroad cars to be carried away; while, at this time, there is a great deal of work to do to make these mines what they should be, yet with a continuation of their present zeal all of the mines will be beyond complaint.

The Dering Coal Company has made great improvements in their mines Nos. 2 and 3; having put in motor haulage in No. 3 and extended the haulage in No. 2. Overcasts are being put in No. 3 mine for the purpose of splitting the air.

The Sharron Coal and Brick Company has sunk an air shaft and connected it with their main shaft, and are now in good shape.

FATAL ACCIDENTS.

August 16, 1907, Andrew Mairek, miner, aged 65 years, married, employed in mine No. 42 of the Kelly Coal Company, Westville, Vermilion county, was killed by falling rock. He leaves a widow and one child.

September 5, 1906, Frank Galley, trackman, aged 48 years, single, employed by D. A. Jenkins, Danville, Vermilion county, was killed by being crushed between the rib of the entry and a car.

October 3, 1906, Elbert Roberts, miner, aged 17 years, single, employed by the Dering Coal Company at its mine No. 3, Steelton, Vermilion county, was killed by falling rock.

October 9, 1906, John Vicknot, miner, aged 28 years, single, employed by the Dering Coal Company at its No. 2 mine, Westville, Vermilion county, was injured by falling rock; he died from the injuries October 27, at the hospital in Danville.

November 27, 1906, John Paul Jones, miner, aged 61 years, married, employed by the Oakwood Coal Company, Oakwood, Vermilion county, was killed by falling coal. He leaves a widow and seven grown children.

Dec. 14, 1906, Cruso Balint, timberman, aged 35 years, single, employed by the Dering Coal Company at its mine No. 1, Westville, Vermillion county, was killed instantly; he was taking out some low bars on the entry, when a mass of rock gave way falling on him.

January 3, 1907, Domineck Comi, miner, aged 28 years, single, employed by the Blue Mound Coal Company at its mine in Blue Mound, Macon county, was fatally injured by falling rock, so that he died from the injuries January 5 in a hospital in Decatur.

January 15, 1907, Paul Jacks, driver, aged 29 years, married, employed by the Kelly Coal Company at its Himrod mine, Vermillion county, was fatally injured by being crushed between cars. He died January 21 in a hospital in Danville and leaves a widow and one child.

January 12, 1907, John Klosorsky, miner, aged 33 years, married, employed by the Little Vermillion Coal Company, at its mine near Georgetown, Vermillion county, was killed by falling rock while at work in a room. He leaves a widow and two children.

March 6, 1907. Martin Silinski, miner, aged 40, married, employed by the Dering Coal Company at its No. 3 mine, Steelton, Vermillion county, was killed by falling rock while at work in a room. He leaves a widow and two children.

March 8, 1907, Charles Mears, miner, aged 25 years, single, employed by the Kelly Coal Company at its No. 44 mine, was killed by falling rock at the face of the entry where he was working. He leaves a widowed mother.

March 27, 1907, Peter Sima, miner, aged 53 years, married, employed by the Kelly Coal Company at its Himrod mine, Himrod, Vermillion county, was killed by falling rock. He leaves a widow and four children.

June 4, 1907, John Belski, miner, aged 30 years, married, employed by the Dering Coal Company at its No. 3 mine, Westville, Vermillion county, was killed by falling rock.

June 12, 1907, Tony Buckinus, miner, aged 26 years, single, employed by the Dering Coal Company at its mine No. 4, Steelton, Vermillion county, was killed by falling rock.

June 21, 1907, Matt Ruskis, miner, aged 45 years, married, employed by the Dering Coal Company at its No. 2 mine, Westville, Vermillion county, was killed by falling rock.

June 24, 1907, William Grey, driver, aged 22, single, employed by the Kelly Coal Company at its No. 42 mine, Westville, Vermillion county, was found dead under a car in the mine; it is supposed that his light went out and that he fell under the car which was being hauled by a mule.

June 24, 1907, Jacob Black, miner, aged 38 years, married, employed by the Jordan Coal Company, one and a half miles northeast of Fairmount, Vermillion county where the company is sinking a new mine. The pump which was placed at the water lodgement, about 40 feet from the bottom of the shaft, got out of order, deceased went to repair the pump and fell from the platform to the bottom, killing him instantly. He leaves a widow and six children.

Respectfully submitted,

THOMAS MOSES.

State Inspector of Mines, Fifth District, Westville, Ill.

Fatal Casualties—Fifth District—July 1, 1907.

Date.	Name.	Age.	Occupation.	Residence (Town).	Married.	Widows.	Children.	Single.	Persons dependent.	Cause of Accident.
1906										
Aug. 16	Andrew Mairek	65	Miner	Kelleyville	1	1	1		2	Falling clod.....
Sept. 5	Frank Galley.....	48	Track man....	So. Danville	1	1			1	Pit car
Oct. 3	Elbert Roberts.....	17	Miner	Westville				1		Falling rock.....
	John Vicknot.....	28	do.....	do.....				1		do.....
Nov. 27	John Paul Jones.....	61	do.....	Oakwood.....	1	1	7		1	Falling coal.....
Dec. 14	Cruso Balint	35	Timberman ...	Westville				1		Falling rock.....
1907										
Jan. 3	Domineck Comi.....	28	Miner	Blue Mound.....				1		do.....
	Paul Jacka.....	29	Driver	Himrod.....	1	1	1		2	Pit cars.....
	John Klosorsky.....	33	Miner	Westville	1	1	2		3	Falling rock.....
Mar. 6	Martin Siliorski.....	40	do.....	do.....	1	1	2		3	do.....
	Chas. Mears.....	25	do.....	Vandercook.....				1	1	do.....
	Peter Sima.....	53	do.....	Westville	1	1	4		5	do.....
June 4	John Belski.....	30	do.....	do.....	1	1			1	do.....
	Toney Buckinus.....	26	do.....	do.....				1		do.....
	Matt Ruskis.....	45	do.....	do.....	1	1	2		3	do.....
	William Grey	22	Driver.....	do.....				1		Pit car
	Jacob Black.....	58	Miner	Fairmount.....	1	1	6		7	Falling down shaft.
	Total.....				10	10	25	7	29	

Recapitulation of Fatal Casualties—Fifth District—1907.

Residence.	No.	Occupation.	No.	Nature of Casualty.	No.	Colliery.	No.
Blue Mound...	1	Drivers	2	Falling clod.....	1	Blue Mound Coal Co.....	1
Fairmount....	1	Miners	13	Falling coal.....	1	Dering Coal Co.....	7
Himrod	1	Timberman...	1	Falling down shaft.	1	Jenkins, Dan.....	1
Kelleyville...	1	Trackman	1	Falling rock	11	Jordan, C. C.....	1
Oakwood.....	1			Pit cars.....	3	Kelley Coal Co.....	5
So. Danville ..	1					Little Vermilion Coal Co..	1
Vandercook ..	1					Oakwood Coal Co.....	1
Westville.....	10						
Total.....	17		17		17		17

Non-Fatal Casualties—Fifth District—July 1, 1907.

Date.	Name.	Age.	Residence. (Town)	Married.	Single.	Children.	No persons dependent.	Character of Injury and Cause of Accident.	Time lost— days.
1906									
July 16	Jacob Grey	40	Blue Mound...	1	1			Arm and leg broken, fall. coal.	90
26	Chas. Streofski.....	24	Decatur	1		1		Body burned, gas explosion	30
26	H. Balz.....	25	do.	1	1			do.	30
26	F. Pickus.....	25	do.	1				do.	30
26	T. Karlofski.....	45	do.	1	5	6		do.	30
30	M. Chepanski.....	40	do.	1	2	3		Back injured, falling coal.	60
Sept. 8	Peter Du Bois.....	74	do.	1	1			Leg injured, falling coal.	40
12	Nuoh Horrol.....	25	Danville	1				Ankle fractured, pit cars.	30
13	John Henry.....	32	do.	1				Leg fractured, falling rock	90
15	Toney Klemont.....	30	Westville	1				Leg broken, falling rock	50
17	Joe Paloonus.....	32	do.	1				Body bruised, flying coal	30
28	Chas. Missunas.....	18	do.	1				Hips injured, pit cars	40
27	Simon Syrpin.....	35	do.	1	2	3		Back injured, falling coal.	30
Oct. 8	Otto Prast.....	24	Danville	1				Arm broken, falling rock	45
13	Andrew Gehuski.....	45	Himrod.....	1				Leg broken, falling rock	60
17	Adam Afrummange ..	22	Westville	1				Finger mashed, falling rock	30
18	Clyde Smith.....	23	Danville	1				Shoulder injured, pit cars	60
15	Toney Miller.....	31	Westville	1	2	3		Foot injured, falling rock	30
29	Thos. J. Owens.....	32	Vandereock.....	1				Leg broken, pit cars.	50
17	Martin Anderson.....	23	Himrod.....	1				Body bruised, falling timber	30
Nov. 3	August Everard.....	40	Blue Mound.....	1	2	3		Leg broken, falling coal	90
6	Chas. Warrick.....	30	Grape Creek ..	1	1	2		Leg broken, pit cars	30
9	Wm. Tuttle.....	21	do.	1				Back injured, falling rock	30
10	James W. Spicer.....	42	Himrod.....	1	2	3		Arm injured, falling rock	40
12	John Varvel.....	34	Westville	1	1	2		Body bruised, falling rock	40
12	Anton Stokus.....	26	do.	1				Back injured, pit cars.	40
12	O. D. Miller.....	35	Catlin.....	1	3	4		Back injured, blast explosion	30
15	August Boehm.....	21	Decatur	1	2	3		Rib broken, pit cars.	30
15	F. H. Mitchell.....	51	Himrod.....	1		1		Foot injured, pit cars.	40
19	Victor Mogerhard.....	40	Danville	1				Body bruised, falling rock	60
21	Pete Washer.....	45	Himrod.....	1	2	3		Eye injured, flying coal.	30
21	Theo. Rockubus.....	27	do.	1				Leg injured, falling rock	30
22	M. J. Kelly.....	40	Westville	1	4	5		Leg broken, cage.	40
Dec. 28	Steve Wilkes.....	38	do.	1				Hips and back injured, fall. rock	60
1	August Hackett.....	23	Decatur	1				Legs broken, (2) falling coal	..
1	William Shoemaker.....	18	Danville	1				Hip injured, pit cars	60
1	John Zanders.....	40	do.	1	7	8		Back injured, falling rock	40
4	Pete Contrario.....	37	Westville	1	1	2		Leg broken, falling rock	60
4	Frank Columbus.....	25	do.	1				Foot mashed, falling rock.	45
5	Geo. Lutran.....	do.	do.	1	2	3		Back and foot injured, fall. coal	30
6	Carger Boyd.....	23	Himrod.....	1				Finger cut off, pit cars.	30
13	Frank Richer.....	35	Blue Mound.....	1	4	5		Leg and back injured, fall. slate	90
15	Henry Swinzinsky.....	26	Westville	1				Head & leg injured, falling rock	40
17	Joe Sabaski.....	28	Himrod.....	1				do.	40
20	Andrew Broderick.....	30	Westville	1	3	4		Body bruised, pit car	40
24	Adam Brosch.....	66	Decatur	1				Leg broken, falling coal.	*
31	R. A. Bayard.....	22	Himrod.....	1				Body bruised, pit cars.	30
1907									
Jan. 11	John Webb.....	32	Georgetown ..	1				Head injured, railroad car.	40
12	Pete Popello.....	26	Himrod.....	1				Leg broken, falling rock	60
17	James Gladden.....	37	Danville	1				Arm injured, pit car	40
25	William Colberg.....	34	Westville	1	1	2		Shoulders and hips injured, pit car	30
27	Geo. Crawford.....	53	Grape Creek ..	1				Head and shoulders injured, falling rock.	30
28	Gus Lengsfelt.....	23	Decatur	1				Hand bruised, pit car	30
28	Chas. Boehm.....	20	do.	1				Arm broken, pit car.	*
29	P. W. Olroyd.....	36	Westville	1	1	2		Back injured, pit car.	60
Feb. 2	Desire Demday.....	34	do.	1	1	2		Body bruised, falling rock	127
7	J. W. Groboryuky.....	43	do.	1				Body bruised, pit cars	150
12	Geo. Polock.....	48	do.	1	1	2		Leg injured, falling rock.	60
15	John Slarbotto.....	53	Decatur	1	3	4		Body bruised, pit car	*
28	August Scheveck.....	52	do.	1	7	8		Ruptured cage	*
28	Joe Poloonis.....	32	Westville	1				Body burned, gasoline explosi'n	50
28	Joe Casper.....	28	do.	1				do.	30
28	W. H. Carter.....	49	do.	1	2	3		Leg broken, falling rock	90
4	John Greske.....	do.	do.	1				do.	90
Mch. 4	John Hammerstrand	58	Danville	1	3	4		Leg broken, pit car	60
11	Frank Hammerstrand	27	do.	1				Body bruised, pit car	30

Non-Fatal Accidents—Fifth District—Concluded.

Date.	Name.	Age.	Residence. (Town)	Married.	Single.	Children.	No. persons dependent.	Character of Injury and Cause of Accident.	Time lost— days.
1907									
Mar. 12	Leo Karl.....	52	Danville	1	3			4 Arm broken, falling rock.....	113
13	John Weatherall	20	Westville	1				1 Finger mashed, falling rock.....	30
15	John Kledis.....	25	do.	1				1 Finger mashed, pit car.....	30
21	W. J. Parsons	46	Himrod	1				1 Ribs broken, falling rock.....	55
21	Joe Herczos	36	do.	1				1 Hips injured, pit cars.....	57
30	Frank Shuford	60	Westville	1				1 Knee injured, pit cars.....	50
Apr. 4	Wm. Barth	21	do.	1				1 Body bruised, pit cars.....	30
5	Otto Lakius	28	Danville	1				1 Head mashed, pit car.....	30
6	Jess W. Yeor.....	27	do.	1	3			4 Hips injured, pit cars.....	30
24	Joe Jenks	24	do.	1				1 Back injured, falling rock.....	60
25	William Colberg	34	Westville	1	1			2 Body bruised, pit cars.....	30
8	Martin Starkey	28	Himrod	1				1 Leg broken, pit car.....	65
8	Pete Messling	30	do.	1				1 Head and back injured, falling rock.....	45
19	Thos. Herman	32	do.	1				1 Rib broken, falling rock.....	30
22	Chas. Barouski.....	54	do.	1	3			4 Leg fractured, falling rock.....	67
26	Eugene Durant	33	Westville	1	3			4 Body burned, blown-out shot.....	30
26	L. Pouchort	36	do.	1	2			3 do.	30
27	Mike Goodrich	35	do.	1				1 Back injured, pit car.....	30
May 2	Geo. Jones	28	Himrod	1				1 Leg broken, pit car.....	*
7	Chas. Spay.....	42	Danville	1	2			3 Back and hips injured, falling rock.....	*
11	J. R. Robinson.....	40	do.	1				1 Back injured, falling rock.....	30
17	Andy Undo	27	do.	1				1 Leg broken, falling rock.....	90
23	Thos. Thornton	34	do.	1				1 Foot mashed, pit car.....	30
31	Joe Miller.....	35	Westville	1				1 Head injured, falling rock.....	60
31	August Focquguy	48	do.	1				1 Arm broken, falling rock.....	45
June 4	Steve Noveski.....	36	do.	1				1 Leg broken, falling rock.....	*
21	Geo. Comassan	31	do.	1				1 Hips injured, pit cars.....	*
21	Frank Rostoski.....		do.	1	5			6 Ribs broken, falling rock.....	*
	Totals.....			49	45	87	132		

* Not recovered July 1, 1907.

Total number of men injured..... 94
 Number not recovered July 1, 1907..... 10

Number recovered July 1, 1907..... 84

Total time lost by men recovered—days..... 4.024
 Average time lost by men recovered—days..... 47.90

Recapitulation of Non-Fatal Casualties—Fifth District—1907.

Residence.	No.	Occupation.	No.	Cause of Accident.	No.	Colliery.	No.
Blue Mound...	3	Drivers	29	Blast explosion.....	1	Blue Mound Coal Co	3
Catlin	1	Laborers.....	4	Blownout shot.....	2	Decatur Coal Co	12
Danville	18	Machine run-		Cage	2	Dering Coal Co	30
Decatur	13	ner	1	Falling coal..	8	Kelley Coal Co	45
Georgetown ..	1	Mine manager	1	Falling rock	37	M. & C. Coal Co	1
Grape Creek..	3	Miners	49	Falling slate	1	Little Vermilion Coal Co..	3
Himrod	17	Shot firers....	7	Falling timber.....	1		
Vandercook...	1	Timberman...	1	Flying coal	2		
Westville	37	Trapper.....	1	Gas explosion.....	4		
		Weighman....	1	Gasoline	2		
				Pit cars	33		
				Railroad cars	1		
Totals.....	94		94		94		94

Table Showing the Nature of Injuries, Number of Persons Injured, Dependents, Time Lost, with Averages and Percentages.

NATURE OF INJURIES.	Number.	Married.	Single.	Dependents.	TIME LOST.		Per cent of injuries.
					Total days.	Average days.	
Ankle fractured.....	1	.....	1	.....	30	30.00	1.06
Arm and leg broken.....	1	.....	1	.....	90	90.00	1.06
Arms broken.....	4	2	2	5	203	67.67	4.26
Arms injured.....	2	2	.....	4	80	40.00	2.13
Back and foot injured.....	1	1	.....	3	30	30.00	1.06
Back injured.....	10	7	3	20	410	41.00	10.64
Bodies bruised.....	12	6	6	14	597	54.27	12.77
Bodies burned.....	8	4	4	14	260	32.50	8.51
Eye injured.....	1	1	.....	3	30	30.00	1.06
Fingers cut off.....	1	.....	1	.....	30	30.00	1.06
Fingers mashed.....	3	1	2	1	90	30.00	3.19
Feet injured.....	4	2	2	4	145	36.25	4.26
Hand bruised.....	2	1	1	.....	60	30.00	2.13
Head and leg injured.....	2	.....	2	.....	80	40.00	2.13
Head and shoulders injured.....	2	2	.....	2	75	37.50	2.13
Heads injured.....	2	.....	2	.....	100	50.00	2.13
Hips and back injured.....	2	1	1	3	60	60.00	2.13
Hips injured.....	5	2	3	5	187	46.75	5.32
Leg and back injured.....	1	1	.....	5	90	90.00	1.06
Legs broken.....	17	7	10	21	335	64.23	18.08
Legs fractured.....	2	1	1	4	157	78.50	2.13
Legs injured.....	4	2	2	4	180	45.00	4.26
Ribs broken.....	4	4	.....	10	115	38.33	4.26
Rupture.....	1	1	.....	8	.....	.....	1.06
Shoulder and hip injured.....	1	1	.....	2	30	30.00	1.06
Shoulder injured.....	1	.....	1	.....	60	60.00	1.06
Totals, averages and percentages...	94	49	45	132	4,024	47.90	100.00

Edgar County—Fifth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES.							
1	John Wellman.....	Paris.....	790				
	Total.....		790				

Mines reported for 1906, 2.

Mines abandoned, 1.

Mines in 1907, 1.

Macon County—Fifth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Manf. & Cons. Coal Co., No. 1.....	Decatur	31,970	40,990	.....	11,080	14,210
2	Blue Mound Coal Co.....	Blue Mound... ..	33,614	10,840	.....	620	7,460
3	Decatur Coal Co., No. 2.....	Decatur	11,436	33,588	.....	5,394	8,097
4	Decatur Coal Co.....	Niantic.....	1,580	23,142	.....	5,786	10,179
5	Decatur Coal Co., No. 1.....	Decatur.	7,623	22,528	.....	3,596	5,396
Totals			86,223	131,088	.....	26,476	45,342

Mines reported for 1906, 5.

Mines in 1907, 5.

Edgar County—Fifth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.		
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total Number.
.....	790	\$1,185	.....	.....	790	.....	80	790	5	1	6 1
.....	790	\$1,185	.....	.....	790	.....	80	790	5	1	6

Macon County—Fifth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.		
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total Number.
.....	98,250	\$133,272	26,389	7,753	57,118	6,990	236	50,664	120	43	163 1
7,200	59,734	57,747	44,134	.....	8,400	7,200	180	23,994	60	60	120 2
.....	58,515	57,938	7,198	.....	51,317	.....	290	58,515	60	37	97 3
.....	40,687	45,012	32,107	.....	8,580	.....	173	40,687	47	23	70 4
.....	39,143	58,861	10,799	.....	28,344	.....	220	39,143	50	34	84 5
7,200	296,329	\$382,830	120,627	7,753	153,759	14,190	220	213,003	337	197	534

Vermilion County—Fifth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Dering Coal Co., No. 2.....	Westville		196,020		108,143	186,789
2	Kelly Coal Co. No. 44.....	do.....	216,167	72,056		14,411	57,645
3	Dering Coal Co., No. 3.....	Steelton.....	304,632				
4	Kelly Coal Co., No. 46.....	Himrod.....	68,359	72,382	26,528	27,399	39,505
5	Dering Coal Co., No. 1.....	Westville.....		126,214		84,142	
6	Dering Coal Co., No. 4.....	Steelton.....	102,283	37,850	13,018	18,492	30,640
7	Little Vermilion Coal Co., No. 1....	Georgetown.....	96,659	53,496	13	1,657	26,333
8	Kelly Coal Co., No. 42.....	Westville.....	60,702	68,170			41,064
9	Kelly Coal Co., No. 47.....	Grape Creek.....	3,053	75,764	25,750	26,940	37,224
10	Electric Coal Co., Electric.....	Danville.....	116,482	18,500			2,700
11	Kelly Coal Co., No. 45.....	Grape Creek.....	123,731				
12	E. S. Grey Coal Co., No. 4.....	Missionfield.....	91,000				
13	Oakwood Coal Co., No. 1.....	Oakwood.....	15,000	30,000			
14	Economy Coal Co., Old.....	Danville.....	41,302				
15	Tilton Coal Co., Star.....	Tilton.....	12,757				
16	Vermilion Valley Mining Co., No. 1....	Muncie.....	9,800				
17	John O'Connell Coal Co., Blue Bird....	Grape Creek.....	6,032				
Totals			1,267,959	750,452	65,309	281,184	421,900
LOCAL MINES.							
1	Reilly & Doughty, Strip Mine	Danville	25,000				
2	Salt Fork Coal Co., Strip Mine	Oakwood.....	22,000				
3	Geo. H. Haskins.....	Grape Creek.....		20,804			1,402
4	Sharron Coal & Brick Co.....	Georgetown.....		15,248			
5	John Aldredge.....	Danville.....	13,500				
6	James Parle.....	do.....	1,000	12,000			
7	Stansberry & Watkins.....	do.....		7,000			5,000
8	Mauck Bros.....	do.....		7,300			4,500
9	L. S. Miller, Strip Bank.....	do.....		10,000			
10	Chicago Collieries Co.....	Catlin.....		4,310			2,873
11	D. A. Jenkins.....	Danville.....		3,500		3,600	
12	Chas. E. Lind.....	do.....	5,964				
13	Reynolds & Bales.....	do.....		5,000			
14	Miller & Spangler.....	do.....		2,010		1,005	
15	Henry Young.....	do.....		3,000		1,000	
16	Joe Mauck.....	do.....		2,900		2,900	
17	France Bros. Coal Co.....	Fairmount.....		2,240		589	
18	Chas. Winehouse.....	Danville.....	600	2,000			
19	M. C. Wilkinson.....	do.....		1,400		1,200	
20	William Schafer.....	Vermilion Hts.....		3,500			
21	W. F. Crawford & Son.....	Collison.....		2,000		600	
22	Bunting Bros.....	Danville.....		2,500			
23	August Olson.....	Grape Creek.....		2,400			
24	A. H. Bonnett.....	Collison.....	1,000	200			
25	Adolph Rowland.....	Grape Creek.....		2,000			
26	James Thomas & Son.....	Danville.....	1,500				
27	Fred Woodard.....	Fairmount.....		1,200			
28	B. & H. Spangler.....	Danville.....		1,500			
29	Martin Samuel.....	Grape Creek.....		1,200			200
30	Joe Thompson.....	do.....		800		500	
31	L. E. Baker.....	Oakwood.....	300	800			
32	Carter Bros.....	Danville.....		1,000			
33	Cantrell Bros.....	do.....		1,000			

Vermilion County—Fifth District—Continued.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			
Slack or waste.	Total		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employees.	Total.	Number.
4,800	495,752	\$466,078	491,552			4,200	297	495,752	200	150	350	1
	360,279	342,265	356,183			4,096	239	360,289	375	115	490	2
3,600	308,232	289,738	304,632			3,600	289	308,232	175	95	270	3
	234,173	234,173	225,578		337	8,258	244	234,173	300	120	420	4
2,100	212,456	199,708	210,356			2,100	155	212,456	200	150	350	5
3,200	205,483	193,154	199,042	3,241		3,200	295	205,483	175	160	335	6
	178,158	182,606	173,158			3,000	236	60,866	160	37	197	7
	169,936	163,138	155,618		10,825	3,493	258	169,936	160	80	240	8
	168,731	160,294	159,896		30	8,805	200	168,731	225	105	330	9
	137,682	157,500	76,182	27,800	1,600	32,100	281	137,682	117	31	187	10
	123,731	115,069	121,939			1,792	189	123,731	200	95	295	11
	91,000	91,000	91,000				241	91,000	80	46	126	12
	45,000	78,750	45,000				225	45,000	60	18	78	13
	41,302	45,432	41,302				186	41,302	50	18	68	14
	12,757	11,800	12,757				82	12,757	40	9	49	15
	9,800	9,800	7,100		2,000	700	112	9,800	12	6	18	16
	6,032	6,635	5,232			800	196	6,032	7	4	11	17
13,700	2,800,504	\$2,747,069	2,676,527	31,041	16,792	76,144	228	2,683,212	2,536	1,289	3,775	
	25,000				25,000		200	25,000	15		15	1
	22,000	\$18,150			22,000		102	22,000	40		40	2
	22,206	32,047			22,206		234	22,206	10	3	13	3
	15,248	26,684			15,248		261	15,248	6	5	11	4
	13,500	16,875			13,500		150	13,500	6	1	7	5
	18,000	19,250			13,000		250	13,000	10	2	12	6
	12,000	16,625			12,000		300	12,000	10	4	14	7
	11,800	14,887			11,800		187	11,800	6	2	8	8
	10,000	12,500			10,000		220	10,000	8	2	8	9
	7,183	7,499			7,183		200	7,183	5	5	10	10
	7,100	11,525			7,100		250	7,100	11	4	15	11
	5,964	10,437			5,964		260	5,964	10	2	12	12
	5,000	4,650			5,000		90	5,000	16	7	23	13
	3,015	4,020			3,015		156	3,015	2	2	4	14
	4,000	5,750			4,000		240	4,000	4	1	5	15
	5,800	6,235			5,800		160	5,800	7	4	11	16
	2,829	3,949			2,829		239	2,829	8	2	10	17
	2,600	3,250			2,600		220	2,600	4	2	6	18
	2,600	3,475			2,600		180	2,600	4	1	5	19
	3,500	5,250			3,500		100	3,500	3		3	20
	2,600	4,100			2,600		270	2,600	10	4	14	21
	2,500	3,125			2,500		300	2,500	4	2	6	22
	2,400	3,600			2,400		120	2,400	5		5	23
	1,200	1,850			1,200		150	1,200	4	3	7	24
	2,000	3,000			2,000		240	2,000	5	2	7	25
	1,500	1,500			1,500		130	1,500	6	3	9	26
	1,700	2,550			1,700		200	1,700	6	1	7	27
	1,500	2,625			1,500		260	1,500	2	2	4	28
	1,400	1,550			1,400		200	1,400	3	2	5	29
	1,300	1,825			1,300		145	1,300	2	2	4	30
	1,100	1,500			1,100		120	1,100	3	2	5	31
	1,000	1,250			1,000		120	1,000	16	3	19	32
	1,000	1,500			1,000		96	1,000	4	1	5	33

Vermilion County—Fifth District—Continued.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES— <i>Concluded.</i>							
34	Reilly & Doughty, No. 2.....	do.....	889				
35	Samuel Thomas.....	do.....	696				
36	T. J. Webster.....	do.....	600				
37	Sam Swisher.....	do.....	200	200			
38	Andrew Fredrickson & Son.....	do.....		250		150	
39	A. L. Polhemus.....	do.....		224		174	
40	Fred Brannaerman.....	do.....	200				
41	Edward Long & Co.....	do.....	200				
42	John Buckellew.....	Cathin.....		82		20	
Totals.....			73,649	119,568		11,738	13,975
Totals—59 mines.....			1,341,608	870,020	65,309	292,922	435,875

Mines reported for 1906, 59.

New mines, 4.

Abandoned mines, 4.

Mines in 1907, 59.

Vermilion County—Fifth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	889	.....	.....	.....	889	.....	70	889	4	1	.....	5 34
.....	696	\$870	.....	.....	696	.....	229	696	3	3	.....	6 35
.....	600	750	.....	.....	600	.....	84	600	2	.....	.....	2 36
.....	400	600	.....	.....	400	.....	180	400	2	1	.....	3 37
.....	400	469	.....	.....	400	.....	301	400	1	.....	.....	1 38
.....	398	410	.....	.....	398	.....	100	398	3	2	.....	5 39
.....	200	300	.....	.....	200	.....	60	200	2	2	.....	4 40
.....	200	250	.....	.....	200	.....	90	200	2	.....	.....	2 41
.....	102	127	.....	.....	102	.....	100	102	2	.....	.....	2 42
500	219,430	\$256,809	.....	.....	219,430	.....	180	219,430	274	82	.....	356
14,200	3,019,934	\$3,003,878	2,676,527	31,041	236,222	76,144	.....	2,902,642	2,810	1,321	4,131	.....

Shipping Mines—Recapitulation by Counties—

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Macon	5	86,223	131,088	.....	26,476	45,342	7,200	296,329	\$0.691	\$0.5614
Vermilion	17	1,267,959	750,452	65,309	281,184	421,900	13,700	2,800,504	0.5502	0.575
Totals and av.....	22	1,354,182	881,540	65,309	307,660	467,242	20,900	3,096,833	\$0.5606	\$0.5694

Local Mines—Recapitulation by Counties—

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Edgar	1	790	.....	.....	.....	.....	.....	790	\$0.55	.....
Vermilion	42	73,649	119,568	.....	11,738	13,975	500	219,430	0.55	.....
Totals and av	43	74,439	119,568	.....	11,738	13,975	500	220,220	\$0.55	.....
Totals, district—all mines	65	1,428,621	1,001,108	65,309	319,398	481,217	21,400	3,317,053	.....	.....

Whole number of mines reported in 1906, 66.
 Number of new mines opened during the year, 4.
 Number of mines abandoned during the year, 5.
 Whole number of mines reported in 1907, 65.

Fifth District—1907

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.							EMPLOYES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employes.	Total.	
220	213,003	83,326	\$1.2763	\$1.6041	.....	\$1.2104	\$0.5924	\$0.50	337	197	534
228	2,683,212	117,292	0.9785	1.0314	\$0.9683	0.9485	0.9233	0.94	2,536	1,239	3,775	
226	2,896,215	200,618	\$0.9974	\$1.1166	\$0.9683	\$0.9711	\$0.8912	\$0.7883	2,873	1,436	4,309	

Fifth District—1907

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYEES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employes.	Total.
80	790		\$1.50						5	1	6
180	219,430		1.1146	\$1.5096		\$0.9862	\$0.7699	\$1.50	274	82	356
178	220,220		\$1.1208	\$1.5096		\$0.9862	\$0.7699	\$1.50	279	83	362
.....	3,116,435	200,618							3,152	1,519	4 671

SIXTH INSPECTION DISTRICT—1907.

SECOND ANNUAL REPORT.

Counties—Brown, Cass, Logan, Morgan, Menard, Sangamon, Schuyler.

THOMAS HANNAH, *Inspector of Mines*, Springfield.

HON. DAVID ROSS,

Secretary, State Bureau of Labor Statistics, Springfield.

SIR—In compliance with the Statute of the State defining the duties of the State inspectors of coal mines, I have the honor to submit the second annual report of the coal mines in the sixth district for the year ended June 30, 1907. The tabular statements of the report give the number of mines; the number of miners and all other employés; the various grades of coal produced, and the number of tons in each grade; the selling price per ton at the mines; the disposition of the product, shipped by rail or sold to local consumers; the number of fatal and non-fatal casualties, and the number of kegs of powder and the pounds of dynamite used.

The following summary presents the main items contained in the tables:

Number of mines in the district.....	71
Number of new mines opened during the year.....	3
Number of mines abandoned during the year.....	15
Number of shipping mines.....	46
Number of local mines.....	25
Total tons of coal produced.....	5,777,759
Total tons of mine run coal.....	1,997,381
Total tons of lump coal.....	2,094,322
Total tons of egg coal.....	246,434
Total tons of nut coal.....	160,488
Total tons of pea coal.....	1,145,124
Total tons of slack and waste.....	134,010
Tons loaded on cars at mines for shipment.....	5,095,888
Tons supplied to locomotive at mines.....	116,212
Tons sold to local trade.....	359,091
Tons consumed and wasted at mines.....	206,568
Tons mined by hand.....	4,967,505
Tons mined by machine.....	810,254
Average days of active operation shipping mines.....	192
Number of mines using machines.....	4
Machines in use.....	30
Machines operated by electricity.....	30
Number of miners.....	5,206
Other employés underground.....	1,598
Boys underground.....	223
Employés on surface.....	702
Total number of employés.....	7,729
Aggregate value of total product.....	\$5,473,666
Number of fatal accidents.....	15
Number of wives made widows.....	10
Number of children left fatherless.....	29
Number of non-fatal accidents.....	52
Number of tons of coal to each fatal accident.....	385.184
Number of tons of coal to each non-fatal accident.....	111.111
Number of persons employed to each fatal accident.....	515
Number of persons employed to each non-fatal accident.....	110
Ratio of persons killed to each 1,000 employed.....	1.9
Kegs of powder used.....	252.208
Dynamite used, pounds.....	4,760
Average value per ton mine run coal, shipping mines.....	\$0.927
Average value per ton lump coal, shipping mines.....	\$1.21

COMPARATIVE STATEMENT.

The tons of coal produced by the counties composing the district are shown in the following table for the years 1906 and 1907, with the increase or decrease of tonnage.

COUNTIES.	TOTAL PRODUCTS—ALL GRADES OF COAL.			
	1906	1907	Increase.	Decrease.
Brown.....	1,694	380	.....	1,314
Cass.....	750	1,625	875	.....
Logan.....	450,127	478,015	27,888	.....
Menard.....	536,273	403,896	.....	132,377
Sangamon.....	4,155,431	4,876,621	721,190	.....
Schuyler.....	16,332	17,222	890	.....
Totals.....	5,160,607	5,777,759	750,843	133,691
Net increase.....	.....	.....	617,152	.....

Menard county shows a decrease of 25 per cent; Sangamon presents an increase of 17 per cent; Logan county had a very slight increase.

ABANDONED MINES.

The Greenview Coal Mining Company has abandoned its mine at Greenview, Menard county. The Illinois Colliers Company has abandoned its mine No. 3 at Chatham, Sangamon county.

NEW MINES.

The Greenview Coal Mining Company, Menard county, has put down a new shaft, one mile north of the old one.

Wilkey, Welsh & Fitzgerald have sunk a shaft at Pleasant Plains, Sangamon county; this is intended for local trade.

ENFORCEMENT OF THE MINING LAW.

During the year eight miners in Sangamon county have been arrested and fined for violation of the mining law, relating to tamping with coal dust and one for drilling a dead hole.

FATAL CASUALTIES.

July 30, 1906. Henog Kopo, top man, aged 22 years, single, was killed at the west end mine, Springfield, the car had slipped off the cage, which was self dumping and while trying to replace the car in position he was caught between the car and the cage.

August 28, 1906, Michael Hickey, cager, aged 39 years, married was killed in the No. 1 mine of the Springfield Coal Mining Company; deceased was walking over the shaft bottom instead of going around the man-way and was caught by the descending cage. He died three days after the accident and leaves a widow and one child.

September 10, 1906, Charles Hooly, miner, aged 38 years, single, and Charles Pap, miner, aged 41 years, married, were both killed by falling down the shaft at the Mt. Pulaski mine, operated by the Mutual Coal Company.

The engineer fainted and fell on the lever, his weight reversed the engine, and caused the cage on which the men were riding to go to the pulley; the men seeing the danger jumped from the cage falling down the shaft a distance of about 360 feet. Pap leaves a widow and four children.

October 10, 1906, John Stratton, shot firer, aged 49 years, married, was killed in the Springfield Colliery Company Mine, Springfield. His death was caused by firing a dead hole, the shot blowing the tamping causing the explosion. He leaves a widow and six children.

October 10, 1906, Thomas Hiscock, shot firer, aged 46 years, widower, was killed in the Springfield Colliery Company mine; deceased was firing shots in company with Stratton, at the time of the explosion. He leaves four children.

October 25, 1906, William Wilson, shot firer, aged 35 years, married, was killed in the Cora Coal Co.'s Mine at Andrew, by an explosion caused by the firing of dead holes. He leaves a widow and one child.

October 25, 1906, Herman Kownatzky, shot firer, aged 19 years, single, died at St. Johns Hospital, Springfield, from injuries received at the Cora Coal Company's mine, while firing a shot in company with Wilson.

November 1, 1906, John Parrish, machine runner, aged 46 years, was killed in the Black Diamond Mine, Auburn, by falling coal while cutting coal with the machine. He leave a widow and three children.

Nov. 7, 1906, Robinson Ridley, shot firer, aged 26 years, single, was killed in the Illinois Midland Coal Co.'s mine, Sherman; deceased lost his life from a blown out shot.

Nov. 7, 1906, Loren Dunbar, shot firer, aged 33 years, married, was firing shots in company with Ridley, and was fatally injured by the same shot. Two days after the accident he died leaving a widow and two children.

Nov. 20, 1906, John Entnes, machine runner, aged 45 years, single, lost his life at the Clear Lake mine, Sangamon county, by an explosion of powder; deceased was forcing the powder back in the drill hole when it was ignited causing the explosion and his death.

Jan. 11, 1907, Edward Delaney, timberman, aged 50 years, single, was killed in No. 2 mine of the Illinois Collieries Co.; deceased was caught between two pit cars, crushing his head.

Jan. 12, 1907, Peter Jackson, top laborer, aged 49 years, married, was caught between the bumpers of two railroad cars, which caused his death; he was employed at the Madison Coal Co.'s mine No. 6 at Divernon. He leaves a widow and two children.

May 30, 1907, Haley Haff, driver, aged 33 years, married, was killed in the Black Diamond mine, Auburn, one of the cars of his trip jumped the track knocking out a prop which struck him on the head causing his death in three hours. He leaves a widow and three children.

Respectfully submitted,

THOMAS HANNAH,

State Inspector of Mines, Sixth District, Springfield, Ill.

Fatal Casualties—Sixth District—July 1, 1907.

Date.	Name.	Age.	Occupation.	Residence. (Town).	Married.	Widows.	Children.	Single.	Persons dependent.	Cause of Accident.
1906										
July 30	Henry Kopo.....	32	Top man.....	Springfield.....				1		Pit cars.....
Aug. 28	Michael Hickey.....	39	Cager.....	Riverton.....	1	1	1		2	Descending cage.....
Sept. 10	Charley Hooly.....	38	Miner.....	Mt. Pulaski.....				1		Falling down shaft.....
	Charles Pap.....	41	do.....	do.....	1	1	4		5	do.....
Oct. 10	John Stratten.....	49	Shot firer.....	Springfield.....	1	1	6		3	Blown out shot.....
	Thomas Hiscock.....	46	do.....	do.....	1	1	4		1	do.....
	William Wilson.....	35	do.....	Andrew.....	1	1	1		2	do.....
	Herman Kownatzky.....	19	do.....	do.....				1		do.....
Nov. 1	John Parrish.....	42	Mch. runner.....	Auburn.....	1	1	3		4	Falling coal.....
	Robinson Ridley.....	46	Shot firer.....	Springfield.....				1		Blown out shot.....
	Loren Dunbar.....	33	do.....	do.....	1	1	2		3	do.....
	John Entnes.....	46	Mch. runner.....	Auburn.....	1	1	3		4	Falling coal.....
1907										
Jan. 11	Ed Delaney.....	50	Timberman.....	do.....				1		Pit cars.....
	Peter Jackson.....	49	Top laborer.....	Divernon.....	1	1	2		3	Railroad cars.....
May 30	Haley Haff.....	31	Driver.....	Auburn.....	1	1	3		4	Falling prop.....
	Totals.....				10	10	29	5	30	

Recapitulation of Fatal Casualties—Sixth District—1907.

Residence.	No.	Occupation.	No.	Nature of Casualty.	No.	Colliery.	No.
Andrew.....	2	Cager.....	1	Blown out shot.....	6	Black Diamond Coal Co...	3
Auburn.....	4	Driver.....	1	Descending cage.....	1	Cora Coal Co.....	2
Divernon.....	1	Laborers.....	2	Falling coal.....	2	Illinois Colliery Co.....	1
Mt. Pulaski....	2	Mch. runners..	2	Falling down shaft.....	2	Illinois Midland Coal Co...	2
Riverton.....	1	Miners.....	2	Falling prop.....	1	Madison Coal Co.....	1
Springfield....	5	Shot firers.....	6	Pit cars.....	2	Mutual Coal Co.....	2
		Timberman...	1	Railroad cars.....	1	Springfield C. & M. Co.....	1
						Springfield Colliery Co.....	2
						West End Coal Co.....	1
Totals.....	15		15		15		15

Non-Fatal Casualties—Sixth District—July 1, 1907.

Date.	Name.	Age.	Residence. (Town)	Married.	Single.	Children.	No. persons dependent.	Character of Injury and Cause of Accident.	Time lost— days.
1906									
July	7 Ed Lucin.....	19	Springfield	1	1			Foot injured, pit cars.....	30
	12 Peter Langun.....	25	do.	1				Leg broken, falling coal....	46
	12 John Oberdorf.....	65	do.	1	1	2		Body bruised, falling in sump.	60
Aug.	10 F. J. Seiders.....	17	Auburn	1	1			Ankle injured, motor.....	30
	10 Thomas Aird.....	38	Thayer	1	5	6		Foot injured, machine.....	35
	16 Harry Goddard.....	31	Springfield	1	2	3		Fingers mashed, pit cars....	30
	22 John Sevier.....		Auburn	1				Collar bone broken, pit car..	30
	23 C. Houchens.....	44	Springfield	1				Hips injured, pit cars.....	45
	27 Joe Beduskee.....	35	Auburn	1	1	2		Body injured, pit cars.....	30
Sept.	1 John Colson.....	43	Springfield	1	2	3		Ribs broken, falling slate....	70
	15 Curo Parigino.....	25	do.	1				Body bruised, powder explo- sion.....	33
	18 W. Partongar.....	47	do.	1	11	12		Leg broken, falling slate....	*
	20 Thos. Hudson.....	22	Spaulding	1				Body bruised, falling slate....	34
	22 James Peacock.....	40	Riverton	1	3	4		Leg broken, shot blown through rib.....	*
	22 Ed Charlton.....	35	do.	1		2		Face bruised, powder explo- sion.....	30
	22 Richard Dowson.....	45	Middletown	1	5	6		Leg bruised, falling slate....	35
	26 John Hood.....	37	Divernon	1				Body bruised, pit car.....	57
	27 Matt Griffiths.....	35	Auburn	1				Body bruised, falling slate....	53
Oct	3 Charles Hill.....	30	Athens	1		1		Foot injured, car door.....	180
	13 Otto George.....	28	Springfield	1				Body bruised, pit cars.....	*
	13 George Sidders.....	26	do.	1		1		Back injured, shot explosion..	60
	16 J. G. Overly.....	46	Berlin	1	1	2		Finger broken, car door.....	47
	19 Enoch Harper.....	62	Auburn	1	3	4		Leg broken, falling slate....	180
	20 Murry Salls.....	19	Divernon	1				Foot injured, pit cars.....	39
Nov.	3 Charles Dutkis.....	24	Pawnee	1				Arm broken, falling rock....	*
	19 M. Rogalis.....	21	Springfield	1				Finger cut off, falling slate..	38
	26 Max Kelmin.....	21	Auburn	1		1		Arm broken, kicked by mule..	51
Dec.	6 Harry Crim.....	34	Springfield	1	4	5		Shoulder injured, falling slate	78
	8 Richard Schoaf.....	22	Lincoln	1	3	4		Arm broken, falling coal.....	50
	29 Earl Baxter.....	40	Springfield	1	2	3		Shoulder injured, falling in fan drift.....	78
1907									
Jan.	1 Alex Jakes.....	25	do.	1	1	2		Face burned, shot explosion..	60
	9 Les Otoz.....	24	do.	1				Finger mashed, pit car.....	33
	17 Joseph Ragotis.....	27	Cantrall	1				Body bruised, powder explo- sion.....	42
	26 Patrick O'Brien.....	30	Springfield	1				Arm broken, pit car.....	90
	26 Willis Adams.....	19	Lincoln	1				Foot injured, cable.....	50
	29 Robert Bradley.....	28	Springfield	1				Collar bone broken, pit car..	37
	30 John Sabo.....	35	Riverton	1				Body burned, powder explo- sion.....	120
Feb.	2 Thos. Arber.....	28	Athens	1				Leg broken, falling slate....	100
	2 George Morris.....	36	Virden	1	2	3		Leg broken, falling coal.....	100
	11 Martin Tomaski.....	32	Riverton	1	1	2		Back injured, pit car.....	*
	22 John Radeski.....	24	Thayer	1				Foot injured, falling slate....	40
	22 William O'Brien.....	40	Pawnee	1	3	4		Arm broken, falling rock....	92
Mar.	3 James Conley.....	17	Riverton	1				Arm broken, falling pit car..	61
	8 George Vivian.....	34	Thayer	1	2	3		Leg broken, pit car.....	114
	15 Thomas Kennedy.....	17	Virden	1				Back injured, pit car.....	90
May	15 Charles Dunham.....	23	Springfield	1				do.....	240
	29 James McMuir.....	50	Chatham	1				Collar bone broken, pit car..	*
June	3 Hermas Saullice.....	20	Athens	1				Collar bone broken, pit cars..	30
	8 Charles McMahon.....	17	Auburn	1				Leg broken, falling coal....	90
	8 John Werley.....	23	Springfield	1				Face and hands burned, pow- der explosion.....	30
	22 John Lindsay.....	43	do.	1	3	4		Head and shoulders injured, falling coal.....	*
	28 Thomas Hall.....		Auburn	1				Body burned, gas explosion..	30
	Totals.....			27	25	55	80		

*Not recovered July 1, 1907.

Total number of men injured.....	52
Not recovered July 1, 1907.....	7
Number recovered July 1, 1907.....	45
Time lost by men recovered, days.....	2,878
Average days lost by men recovered.....	63.96

Recapitulation of Non-Fatal Casualties—Sixth District—1907.

Residence.	No.	Occupation.	No.	Cause of Accident.	No.	Colliery.	No.
Athens.....	3	Cager.....	1	Cable.....	1	Athens Mining Co.....	3
Auburn.....	8	Car trimmer..	1	Car door.....	2	Auburn & Alton Coal Co..	1
Berlin.....	1	Drivers.....	12	Falling coal..	5	Black Diamond Coal Co...	8
Cantrall.....	1	Laborers.....	4	Falling from car..	1	Cantrall Coal Co.....	1
Chatham.....	1	Machine run-	1	Falling in fan drift.	1	Capitol Coal Co.....	3
Divernon.....	2	ner.....	1	Falling in sump..	1	Chicago-Springfield Coal Co	1
Lincoln.....	2	Mine manager.	1	Falling rock.....	2	Chicago-Wil & Ver Coal Co	3
Middletown..	1	Miners.....	19	Falling slate.....	10	Illinois Collier Co.....	6
Pawnee.....	2	Shot firers...	4	Gas explosion.....	1	Illinois Midland Coal Co..	7
Riverton.....	5	Spragger.....	1	Kicked by mule....	1	Island Grove Coal Co.....	1
Spaulding.....	1	Timbermen...	3	Machine.....	1	Lincoln Coal Co.....	2
Springfield..	20	Trackman.....	1	Moter.....	1	Madison Coal Co.....	2
Thayer.....	3	Trappers.....	3	Pit cars.....	17	Middletown Coal Co.....	1
Viriden.....	2	Triprider.....	1	Powder explosion..	5	Sangamon Coal Co.....	1
				Shot blown through		Springfield Coal Mining Co.	8
				rib.....	1	Standard Washed Coal Co..	1
				Shot explosion.....	2	Wabash Coal Co.....	1
						Woodside Coal Co.....	2
Totals.....	52		52		52		52

Table Showing the Nature of Injuries, Number of Persons Injured, Dependents, Time Lost, with Averages and Percentages.

NATURE OF INJURIES.	Number.	Married.	Single.	Dependents.	TIME LOST.		Per cent of injuries.
					Total days.	Average days.	
Ankle injured.....	1		1		30	30.00	1.92
Arms broken.....	6	3	3	9	383	63.83	11.54
Backs injured.....	4	2	2	3	390	130.00	7.69
Bodies bruised.....	6	3	3	4	224	44.80	11.54
Bodies burned.....	4	1	3		225	56.25	7.69
Collar bones broken.	4	2	2		97	32.33	7.69
Face and hand burned.	1		1	1	30	30.00	1.92
Faces burned.....	2	1	1	2	90	45.00	3.89
Finger broken.....	1	1		2	47	47.00	1.92
Finger cut off.....	1		1	1	31	38.00	1.92
Fingers mashed.....	2	1	1	3	53	26.50	3.85
Foot injured.....	6	2	4	8	335	67.00	11.54
Head and shoulders injured	1	1		4			1.92
Hip injured.....	1	1			45	45.00	1.92
Legs broken.....	8	5	3	26	630	105.00	15.39
Leg bruised.....	1	1		6	35	35.00	1.93
Rib broken.....	1	1		3	70	70.00	1.92
Shoulders injured.....	2	2		8	156	78.00	3.85
Totals, averages and percentages...	52	27	25	80	28.78	63.96	100.00

Brown County—Sixth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES.							
1	John Hall	Ripley		230			
2	Ned Six	Mt. Sterling.....		150			
	Totals .....	.....		380			

Mines reported for 1906. 8.
 Abandoned mines, 6
 Mines in 1907. 2.

Cass County—Sixth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES.							
1	William Shore	Chandlerville		825			
2	Charles Nelson	do.		800			
	Totals			1,625			

Mines reported for 1906. 1.
 New mines, 1.
 Mines in 1907. 2.

Brown County—Sixth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	230	\$460	.....	.....	230	.....	.....	230	1	.....	1	1
.....	150	375	.....	.....	150	.....	.....	150	1	.....	1	2
.....	380	\$835	.....	.....	380	.....	.....	380	2	.....	2	

Cass County—Sixth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	825	\$1,856	.....	.....	825	.....	.....	825	3	1	4	1
.....	800	1,800	.....	.....	800	.....	.....	800	3	1	4	2
.....	1,625	\$3,656	.....	.....	1,625	.....	.....	1,625	6	2	8	

Logan County—Sixth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Latham Coal Co	Lincoln	237,324				
2	Citizens Coal Mining Co.	do.	44,227	40,267		8,945	30,939
3	Lincoln Mining Co.	do.	19,171	38,342	9,585	4,792	15,385
4	Mutual Coal Co	Mt. Pulaski.		11,348	1,681	2,042	1,790
Totals			300,722	89,957	11,266	15,779	48,114

Mines reported for 1906, 4.

Mines in 1907, 4.

Logan County—Sixth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	237,324	\$201,725	212,324	.....	15,000	10,000	214	237,324	203	119	322	1
1,470	125,788	113,157	78,470	28,390	11,542	7,386	180	125,788	102	77	179	2
8,580	95,855	100,551	67,275	.....	20,000	8,580	176	95,855	80	54	134	3
2,187	19,048	26,729	5,093	.....	12,450	1,505	192	19,048	29	13	42	4
12,177	478,015	\$442,162	363,162	28,390	58,992	27,471	191	478,015	414	263	677	

Menard County—Sixth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Athens Mining Co., No. 2.....	Athens.....	60,697	35,022	.....	2,818	16,243
2	Wabash Coal Co., No. 2.....	..do.....	18,314	41,716	.....	4,212	15,275
3	Tallula Coal Co., Tallula.....	Tallula.....	24,700	9,780	.....	3,765	730
4	South Mountain Coal Co., No. 1.....	Petersburg.....	20,490	9,116	.....	709	3,065
5	Peoples Coal & Mining Co., No. 1.....	Tice.....	7,698	14,319	.....	4,155	7,361
6	Manchester Coal Co., Juntion shaft.	Petersburg.....	7,087	6,594	.....	.....	2,645
7	Middletown Coal Co.....	Middletown.....	45,354	.....	.....	5,354	9,831
Totals.....			184,340	116,647	.....	21,012	55,150
LOCAL MINES.							
1	E. F. Johnson.....	Middletown.....	.....	6,000	.....	.....	.....
2	John Mallergran.....	Petersburg.....	.....	2,504	.....	.....	1,252
3	A. Wainwright.....	Sweetwater.....	.....	3,000	.....	.....	385
4	Loyd Coal Co.....	Petersburg.....	.....	1,617	.....	.....	175
5	Peter Becker.....	Tallula.....	.....	1,405	.....	.....	.....
6	Abraham Unthank.....	Petersburg.....	.....	681	.....	.....	207
7	Reding & Whithurst.....	Tallula.....	.....	544	.....	.....	75
Totals.....			.....	15,751	.....	.....	2,094
Totals—14 mines.....			184,340	132,398	.....	21,012	57,244

Mines reported for 1906, 16.

Abandoned mines, 2.

Mines in 1907, 14.

Menard County—Sixth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
3,579	118,359	\$119,046	112,047	.....	2,733	3,579	208	118,359	112	41	153	1
294	79,811	88,062	73,831	.....	2,313	3,667	162	79,811	90	53	143	2
.....	38,975	42,593	21,807	.....	16,438	730	247	38,975	45	13	58	3
1,728	35,108	32,184	25,215	3,769	4,433	1,791	179	35,108	46	19	65	4
179	33,712	38,394	33,532	.....	.....	180	187	33,712	40	12	52	5
500	16,926	18,740	14,240	.....	2,186	500	234	16,926	25	14	39	6
2,622	63,160	61,435	57,044	.....	3,494	2,622	173	63,160	66	36	102	7
8,902	386,051	\$400,454	337,716	3,769	31,497	13,069	199	386,051	424	188	612	
.....	6,000	\$10,500	.....	.....	6,000	.....	190	6,000	7	1	8	1
.....	3,756	6,698	.....	.....	3,756	.....	192	3,756	10	3	13	2
.....	3,385	5,539	.....	.....	3,385	.....	218	3,385	6	4	10	3
.....	1,792	3,540	.....	.....	1,792	.....	145	1,792	3	1	4	4
.....	1,405	2,459	.....	.....	1,405	.....	300	1,405	3	1	4	5
.....	888	1,399	.....	.....	888	.....	120	888	4	.....	4	6
.....	619	1,046	.....	.....	619	.....	87	619	2	1	3	7
.....	17,845	\$31,181	.....	.....	17,845	.....	179	17,845	35	11	46	
8,902	403,896	\$431,635	337,716	3,769	49,342	13,069	.....	403,896	459	199	658	

Sangamon County—Sixth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Chicago, Wilm. & Ver. Coal Co., No. 1	Thayer.....	2,877	83,499	122,303	.....	128,170
2	Madison Coal Corporation No. 6	Divernon.....	40,344	135,555	19,597	.....	82,853
3	Woodside Coal Co., Woodside	Springfield....	166,200	56,627	.....	6,531	23,286
4	Illinois Collieries Co., No. 8.....	do.....	96,757	67,856	.....	63	48,823
5	Springfield Coal Mining Co., No. 2..	do.....	3,989	132,754	944	15,254	53,381
6	Illinois Midland Coal Co.....	Sherman.....	133,478	30,957	12,569	5,811	28,824
7	Springfield Coal Mining Co., No. 5..	Springfield....	134,222	20,210	.....	5,876	40,342
8	Capital Coal Co., No. 2.....	do.....	31,142	95,220	7,825	16,200	16,771
9	Illinois Midland Coal Co., Victor	Pawnee.....	46,746	59,978	27,547	.....	48,144
10	Illinois Collieries Co., No. 2.....	Springfield....	7,748	92,069	2	1,945	54,146
11	Springfield Colliery Co., No. 1.....	do.....	106,627	35,150	630	1,000	8,475
12	Springfield Coal Mining Co., No. 4..	do.....	60,226	70,174	.....	.....	14,838
13	Tuxhorn Coal Co., Tuxhorn.....	do.....	1,774	91,184	.....	1,403	41,551
14	O'Gara Coal Co., Jefferson.....	do.....	55,624	47,557	.....	.....	24,205
15	Chicago-Springfield Coal Co.....	do.....	44,327	39,032	4,712	7,127	27,656
16	Springfield Mining Co., No. 1.....	do.....	13,929	74,792	.....	5,954	25,932
17	Citizens' Coal Mining Co., A.....	do.....	26,080	50,694	5,715	.....	34,241
18	Auburn & Alton Coal Co., A and A..	Auburn.....	66,562	39,554	.....	.....	11,621
19	Springfield Coal Mining Co., No. 3..	Springfield....	58,403	43,804	.....	532	6,914
20	Cantrall Cooperative Coal Co.....	Cantrall.....	43,721	39,029	.....	7,304	15,569
21	West End Coal Co., West Shaft....	Springfield....	34,998	35,156	11,200	.....	24,001
22	Standard Washed Coal Co., No. 2..	Bissell.....	3,118	42,584	12,713	317	45,945
23	Springfield Coop. C. Co., New North	Springfield....	42,500	38,300	.....	.....	16,300
24	Sangamon Coal Co., No. 2.....	do.....	35,802	37,536	.....	7,676	20,632
25	Cora Coal Co., Cora mine.....	do.....	46,262	35,426	687	4,230	13,590
26	Black Diamond Coal Co.....	Auburn.....	68,021	82,723	260	1,438	29,359
27	Barclay Coal & Mining Co., Barclay.	Springfield....	19,997	40,272	.....	.....	38,194
28	Standard Washed Coal Co., No. 1....	Spaulding....	9,968	58,226	30	.....	27,610
29	Williamsville Coal Co.....	Selbytown.....	50,182	24,695	3,492	4,864	10,047
30	Citizens' Coal Mining Co., B.....	Springfield....	7,968	45,718	4,879	.....	19,707
31	Wabash Coal Co., No. 1.....	Dawson.....	6,373	28,533	.....	10,980	11,668
32	Spring Creek Coal Co.....	Springfield....	18,828	20,956	.....	.....	16,569
33	Jones & Adams Coal Co., Republic..	do.....	9,871	16,662	.....	2,336	8,473
34	Illinois Collieries Co., No. 3.....	do.....	.....	14,517	.....	49	6,124
35	Mechanicsburg Coal Co., No. 2.....	Mechanicsburg	6,591	5,759	.....	1,105	2,985
Totals			1,501,255	1,833,058	235,168	120,461	1,026,946
LOCAL MINES.							
1	Lincoln Park Coal & Brick Co	Springfield....	11,064	17,482	.....	3,236	12,820
2	Crompton & Davis.....	Salisbury.....	.....	1,200	.....	.....	.....
3	Island Grove Coal Co.....	Berlin.....	.....	1,000	.....	.....	.....
Totals			11,064	19,682	.....	3,236	12,820
Totals—38 mines			1,512,319	1,852,740	235,168	123,697	1,039,766

Mines reported for 1906, 40.

New mines, 1.

Abandoned mines, 3.

Mines in 1907, 38.

Sangamon County—Sixth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
	336,849	\$302,803	324,648		2,367	9,834	174		257	118	375	1
250	279,564	253,181	267,251		3,766	8,547	161	811	180	168	348	2
	252,644	253,862	197,199	45,846	5,599	4,000	292	252,644	150	105	255	3
	225,063	202,320	218,342		1,398	5,323	187	225,063	194	93	287	4
12,764	219,086	199,102	206,322			12,764	177	219,086	173	83	256	5
	211,639	191,036	208,206		115	3,318	231	211,639	143	67	210	6
5,024	205,674	168,064	200,650			5,024	177	205,674	181	76	257	7
18,562	185,720	170,990	85,154	33,044	48,960	18,562	265	185,720	192	67	259	8
	182,415	168,174	173,035	2,020	5,124	2,236	158	182,415	199	74	273	9
810	156,720	145,229	150,605		1,142	4,973	136	156,720	202	87	289	10
3,696	155,578	137,203	151,882			3,696	209	155,578	90	32	122	11
6,274	151,512	144,832	132,094		13,144	6,274	224	151,512	102	51	153	12
5,417	141,329	133,285	134,509		1,403	5,417	220	141,329	120	52	172	13
	127,386	126,005	122,174		1,052	4,160	159	127,386	49	26	75	14
3,938	126,792	126,788	122,483		371	3,938	151	126,792	120	57	177	15
5,654	126,261	117,135	116,489	435	3,683	5,654	181	126,261	121	60	181	16
1,275	118,005	120,019	114,368	78	2,284	1,275	198	118,005	105	32	137	17
	117,737	115,403	108,325		7,212	2,200	189	117,737	104	47	151	18
5,009	114,662	108,238	109,507		146	5,009	187	114,662	98	58	156	19
1,525	107,148	109,338	102,884	1,538	1,201	1,525	207	107,148	85	54	139	20
	105,355	102,700	60,982		40,857	3,516	171	105,355	135	43	178	21
7,500	104,677	89,969	100,751		641	3,285	202	104,677	112	51	163	22
	104,600	94,070	77,500		25,000	2,100	201	104,600	135	38	173	23
1,080	101,646	98,534	96,030		2,971	2,645	186	101,646	128	54	182	24
10,362	101,275	97,771	99,256		939	1,080	216	101,275	76	41	117	25
	192,163	173,661	180,639		1,162	10,362	265		105	74	179	26
	98,463	86,901	93,708		1,172	3,583	193	98,463	99	38	137	27
	95,834	90,570	87,822		2,423	5,589	178	95,834	125	40	165	28
2,137	95,417	92,243	88,780		4,500	2,137	175	95,417	95	47	142	29
2,523	80,795	88,170	77,180	1,092		2,523	150	80,795	103	28	131	30
13,036	70,890	77,443	63,976		2,151	4,763	173	70,890	61	50	111	31
	56,353	50,596	54,912		556	885	175	56,353	54	22	76	32
1,784	39,126	33,848	36,844		498	1,784	89	39,126	84	58	142	33
37	20,727	20,128	16,513		1,692	2,522	168	20,727	36	21	57	34
3,600	20,040	19,217	13,990		2,450	3,600	182	17,551	23	17	40	35
112,257	4,829,145	\$4,508,828	4,395,010	84,053	185,979	164,103	191	4,018,891	4,236	2,029	6,265	
394	44,996	\$53,001			43,071	1,925	240	44,996	48	22	70	1
280	1,480	2,450			1,480		125	1,480	4		4	2
	1,000	1,750			1,000		60	1,000	6	2	8	3
674	47,476	\$57,201			45,551	1,925	142	47,476	58	24	82	
112,931	4,876,621	\$4,566,029	4,395,010	84,053	231,530	166,028		4,066,367	4,294	2,053	6,347	

Schuyler County—Sixth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES.							
1	Wheelhouse & Kerr	Rushville		9,849			
2	I. P. Bartlow	Littleton		1,400			
3	W. Cummings	Rushville		1,373			
4	Ray Tile Works	Ray		1,280			
5	Will O'Brien	Fredrick		1,000			
6	Mrs. Strong	Pleasantview ..		640			
7	P. W. Croxton	do		320			
8	Ralph Strong	do		300			
9	Kegle & Spiller	Fredrick		280			
10	Simon Partwood	Littleton		140			
11	C. L. Yaap	Ray		640			
Totals				17,222			

Mines reported for 1906, 14.

Abandoned mines, 3.

Mines in 1907, 11.

Schuyler County—Sixth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.		
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.
	9,849	\$17,236			9,849		290	9,849	5	3	8 1
	1,400	2,450			1,400		300	1,400	3	1	4 2
	1,373	2,403			1,373		231	1,373	4	1	5 3
	1,280	2,240			1,280		200	1,280	2		3 4
	1,000	1,750			1,000		200	1,000	2		2 5
	640	800			640		90	640	3	1	4 6
	320	400			320		80	320	2		2 7
	300	375			300		60	300	2		3 8
	250	490			250		70	250	2		2 9
	140	245			140		50	140	2		2 10
	640	960			640		100	640	2		2 11
	17,222	\$29,349			17,222		152	17,222	31	6	37

Shipping Mines—Recapitulation by

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Logan	4	300,722	89,957	11,266	15,779	48,114	12,177	478,015	\$0.596	.....
Menard	7	184,340	116,647	.....	21,012	55,150	8,902	386,051	0.557	.....
Sangamon	35	1,501,255	1,833,058	235,168	120,461	1,026,946	112,257	4,829,145	0.5570	\$0.4798
Totals and av.	46	1,986,317	2,039,662	246,434	157,252	1,130,210	133,336	5,693,211	\$0.5609	\$0.4798

Local Mines—Recapitulation by

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Brown	2	.....	380	.....	.....	.....	.....	380	\$1.00	.....
Cass	2	.....	1,625	.....	.....	.....	.....	1,625	1.00	.....
Menard	7	.....	15,751	.....	.....	2,094	.....	17,845	0.6628	.....
Sangamon	3	11,064	19,682	.....	3,236	12,820	674	47,476	0.5608	.....
Schuyler	11	.....	17,222	.....	.....	.....	.....	17,222	0.7975	.....
Totals and av	25	11,064	54,660	.....	3,236	14,914	674	84,548	\$0.641	.....
Totals, district— all mines	71	1,997,381	2,094,322	246,434	160,488	1,145,124	134,010	5,777,759	.....	.....

Whole number of mines reported in 1906, 83.

Number of new mines opened during the year, 3.

Number of mines abandoned during the year, 15.

Whole number of mines reported for 1907, 71.

Counties—Sixth District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employees.	Total.
191	478,015	.....	\$0.876	\$1.386	\$1.19	\$1.077	\$0.374	\$0.465	414	263	677
199	386,051	.....	0.996	1.42	.....	1.071	0.45	0.445	424	188	612
191	4,018,891	810,254	0.927	1.187	1.14	1.046	0.488	0.383	4,236	2,029	6,265
192	4,882,957	810,254	\$0.927	\$1.208	\$1.144	\$1.05	\$0.485	\$0.395	5,074	2,480	7,554

Counties—Sixth District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employees.	Total.
.....	380	.....	.....	\$2.1974	.....	.....	.....	.....	2	.....	2
.....	1,625	.....	.....	2.25	.....	.....	.....	.....	6	2	8
179	17,845	.....	.....	1.8154	.....	.....	\$1.235	.....	35	11	46
142	47,476	.....	\$1.10	1.6878	.....	\$1.50	0.50	\$0.8116	58	24	82
153	17,222	.....	.....	1.7041	.....	.....	.....	.....	31	6	37
159	84,548	.....	\$1.10	\$1.75	.....	\$1.50	\$0.6032	\$0.8116	132	43	175
....	4,967,505	810,254	.....	.....	.....	.....	.....	.....	5,206	2,523	7,729

SEVENTH INSPECTION DISTRICT—1907.

SECOND ANNUAL REPORT.

Counties—Calhoun, Christian, Greene, Jersey, Macoupin, Montgomery, Morgan, Scott, Shelby.

W. W. WILLIAMS, *Inspector*, Litchfield.

HON. DAVID ROSS,

Secretary, State Bureau of Labor Statistics, Springfield.

SIR—In compliance with the law of the State of Illinois, defining the duties of the State inspectors of coal mines, I have the honor to herewith submit the second annual report of the coal mines in the seventh inspection district. The tabular statements in this report contain the different items called for in the schedules.

A summary of the items contained in this report is presented as follows:

Number of mines.....	73
Number of new mines.....	10
Number of abandoned mines.....	8
Number of shipping mines.....	36
Number of local mines.....	37
Tons of mine run coal.....	1,478,658
Tons of lump coal.....	3,430,389
Tons of egg coal.....	126,501
Tons of nut coal.....	179,150
Tons or pea or screening.....	1,331,455
Tons of slack or waste.....	172,706
Tons of all grades of coal.....	6,718,859
Total output for six months, ending Dec. 31, 1906.....	2,901,474
Total output for six months, ending June 30, 1907.....	3,760,900
Average value of coal per ton, mine run, shipping mines.....	\$0.935
Average value per ton of lump, shipping mines.....	\$1.169
Average value per ton of egg, shipping mines.....	\$1.324
Average value per ton of nut, shipping mines.....	\$1.063
Average value per ton of pea or screening, shipping mines.....	\$0.446
Average value per ton of slack or waste, shipping mines.....	\$0.195
Aggregate value of total product, all mines.....	\$6,423,566
Tons loaded on cars for shipment.....	6,034,648
Tons supplied to locomotives at mines.....	185,992
Tons sold to local trade.....	218,269
Tons consumed or wasted at the mines.....	279,950
Average number of days of active operation, shipping mines.....	194
Tons mined by hand.....	2,572,791
Tons mined by machine.....	4,146,068
Number of machines in use.....	317
Number of miners.....	5,164
Number of other employes underground.....	1,620
Number of boys underground.....	231
Number of employes above ground.....	812
Total number of all employes.....	7,827
Number of kegs of powder consumed.....	100,358
Amount of dynamite, pounds.....	10,475
Number of fatal accidents.....	21
Number of non-fatal accidents.....	113
Number of wives made widows.....	13

Number of children left fatherless.....	37
Number of employes to each fatal accident.....	373
Number of tons of coal to each fatal accident.....	319.946
Ratio of fatal accidents per 1,000 persons employed.....	2.7
Number of employes to each non-fatal accident.....	69
Number of tons of coal to each non-fatal accident.....	59.450

NEW MINES.

The Burnwell Coal Company has completed the sinking of its No. 22 mine at Witt, Montgomery county. A description of the plant at this mine was given in the last annual report.

PROSPECTIVE MINES.

Ground has been broken for a new mine at Farmersville, Montgomery county.

Very slow progress is being made in sinking the mine at Lovington, Moultrie county, on account of the great quantity of sand and water. This is the second trial and has been abandoned for the present. The company is now drilling in search of a more favorable place.

IMPROVEMENTS.

The Prairie State Coal Company, Nilwood, Macoupin county, has built a new tower, sixty-four feet high, and installed a steel hopper, a Fairbanks & Morse scales and a pair of first motion hoisting engines; also built a new brick engine house and put in one flue boiler, 150 horse power, and two cylinder boilers, 100 horse power each.

The Hillsboro Coal Company, Hillsboro, Montgomery county, have replaced its old twelve-foot fan with a new twenty-foot one, greatly improving the ventilation.

Three large coal washeries have been built in this district: One by the Pana Coal Company at its No. 1 mine, Pana, Christian county; one by the Superior Coal Company near Gillespie, Macoupin county. This washery is so situated that the coal from all three of the company's mines can easily be brought to it. Another by the Shoal Creek Coal Company, at its No. 1 mine, Panama, Montgomery county. This company is also installing electric haulage.

The Consolidated Coal Company has rebuilt the washery recently burned down at its No. 15 mine, Mt. Olive, Macoupin county.

COAL WASHING PLANT OF THE SUPERIOR COAL COMPANY NEAR GILLESPIE.

The coal washing plant of the Superior Coal Company is located on the main line of the Macoupin County Railway, about three miles north of Benld and within a few hundred yards of the crossing of the C., C. & St. L. R. R. This washery was designed and built by the American Coal Washer Company of Alton, Ill. Its capacity is 250 tons of coal an hour. The coal is brought to the washery in gondola cars of 80,000 pounds capacity from the three mines of the company.

The coal passes at the mines through a bar screen one and a quarter inches apart. The loaded cars are left standing in front of the washery on a double track having a down grade towards the washery. This down grade of the tracks continues through the washery and beyond the track scales, so that the cars are handled solely by gravity. The washery is built in two symmetrical halves, each independent of the other, but arranged so that in case of break down one side can feed coal to the other side. The coal is taken out of the cars by two car unloaders, one over each of the two tracks. Each of these unloaders has a capacity of four cars an hour. The unloaders clean the cars perfectly, requiring very little hand shoveling. Five men can operate one unloader and handle the cars easily. The cars are pulled against the unloader by a double paper friction winch. Each unloader delivers the coal into the boot of an elevator, which conveys it into a double bin situated above and to the right of the washing jigs. The bottom of

these bins are inclined towards the horizontal at an angle of forty-five degrees and are lined with heavy sheet steel, so that the coal slides by gravity into the jigs. The flow of coal is regulated by iron gates. The car unloaders and coal elevator of each side are driven by manilla ropes attached to a 12 by 14 inch single engine. In front of the coal bins are located the jigs, four on each side. In the jigs the coal is separated from the slate, sulphur and other impurities. These impurities being heavier than the coal, accumulate on the bottom of the jigs and slide out of the jig boxes through the opening in front. Each opening can be operated and regulated by gates. The impurities from the four jigs on one side slide into an elevator located between the second and third jig. This elevator lifts the slate to an elevation where it slides through a chute into a small slate bin located outside of the washery building. This slate bin is built over a narrow gauge track on which a self dumping slate car is operated by means of endless wire rope and hoisting engine.

The coal, after being freed from all impurities, flows over the front of the jigs and is sluiced into a large revolving screen, where all of the water is drained off and the coal separated into two sizes. The coarse coal which goes over the screen drops into an elevator, which delivers it into bins located over the railroad tracks. By means of sliding gates in the bottom of these bins the coal can be loaded into the railroad cars. The fine coal which passes through the screen and all the water are collected into a settling tank. The coal settling in the bottom of this tank is conveyed by means of a double flight conveyor to an elevator which delivers the coal on to the shaking screen. On this shaking screen the coal is thoroughly sprinkled and rinsed with fresh water, which removes all the fine particles of fire clay, the fine coal leaving the shaking screen perfectly clean and dry. An elevator takes the coal from the shaking screen and delivers it into washed coal bins. Each of the two slides is driven by a 13 by 16 twin engine. The power is transmitted by means of manilla ropes.

On one side of the railroad tracks and within thirty feet of the washery building the boiler house is located. This building is a brick structure, with timber roof trusses and brick floor. It contains four 150 horse power return-tubular boilers, two feed pumps and one water heater. Coal for the boilers is delivered from the head of the washed coal elevators by a chute.

The washery building is 142 by 130 feet and 83 feet high to the ridge pole of the roof over the natural coal bin. The building is enclosed with drop siding and the roof covered with prepared gravel roofing paper. The engine rooms have concrete floors. During the winter the buildings will be heated by steam.

FATAL ACCIDENTS.

July 14, 1906, Mike Riley, sinker, aged 37 years, single, employed in sinking the Peabody mine at Nokomis, Montgomery county, had taken sufficient dynamite down in a box to charge eight holes. When five of the holes had been charged it was discovered that the sawdust in the box containing the remaining dynamite had taken fire. Riley was in the act of upsetting the box into the water when the dynamite exploded, blowing him to pieces. His home was in Braidwood, Ill. Five other men were in the shaft at the time, but escaped unhurt.

July 25, 1906, Lawrence Bowman, driver, aged 25 years, single, employed at the No. 1 mine of the Illinois Collieries Company, Virden, Macoupin county, was bringing out a trip of loaded cars to the double parting where other loaded cars were standing, and while unhooking his mule did not get out of the way in time to avoid being caught between his trip and the standing loads. He lived about eight hours.

August 21, 1906, Sam Voigt, top boss, aged 44 years, married, employed by the Consolidated Coal Company at its mine No. 15, Mt. Olive, Macoupin county, was taking a loaded railroad car from under the dump, walking backwards in front of the car, when his heel caught in a guard rail, throwing him down, the car running over his leg, cutting it off. He died next day. He leaves a widow and seven children.

September 8, 1906, David Hosking, miner, aged 23 years, single, employed by the W. H. Bates Company, Winchester, Scott county, was caught under a piece of slate at the face of his working place and was fatally injured, dying three days afterwards.

September 8, 1906, Joseph Hoelting, miner, aged 47 years, married, employed by the Carlinville Coal Company, Carlinville, Macoupin county, was caught under falling coal at the face of his working place. Deceased was cutting the coal on one side in order to bring it down, when it suddenly fell, killing him instantly. He leaves a widow and five children.

September 18, 1906, L. C. Foster, carpenter, aged 35 years, single, employed at the Royal Colliery Company washery, Virden, Macoupin county, was on a scaffold painting, about forty feet from the ground, when, from some cause unknown, he fell to the ground, striking his head on the track rail. He died instantly.

September 20, 1906, Simon Malle, timberman, aged 43 years, married, employed at No. 6 mine of the Consolidated Coal Company, Staunton, Macoupin county, was sent with others to clean a fall on the entry. It happened that there was some loose slate still hanging, of which he had been warned by other workmen. However, he did not heed the warning and went to work under the slate, when it fell on him, killing him instantly. He leaves a widow.

October 1, 1906, Ed. Haum, cager, aged 25 years, married, employed at mine No. 15 of the Consolidated Coal Company, Mt. Olive, Macoupin county, was in the act of pushing a loaded car on to the cage, when other loaded cars followed from behind and he was caught between the cars, causing injuries from which he died three days later. He leaves a widow and two children.

October 13, 1906, Joseph Dunko, laborer, aged 35 years, married, employed at mine No. 8 of the Consolidated Coal Company, Mt. Olive, Macoupin county, was caught under falling rock and killed instantly. He was working with a timberman and another helper, when the rock showed signs that it was about to fall. The timberman and the other helper ran to a safe place and repeatedly told Dunko to do the same, but he did not heed the warning. Had he moved three feet he would have been clear. His dependents, if any, are unknown and live in Europe.

October 28, 1906, William Radford, sinker, aged 33 years, married, working at mine No. 22 of the Burnwell Coal Company, Witt, Montgomery county, was being lowered in the bucket when the drum became detached from the engine, and not having a break on the drum, the engineer had no control over it. There were two men in the bucket when it dropped 100 feet to the bottom, killing Radford instantly. He leaves a widow and three children. The other man was badly injured, an account of which is given in the non-fatal accidents.

January 7, 1907, Albert Mauer, driver, aged 24 years, single, employed at mine No. 1 of the Superior Coal Company near Gillespie, Macoupin county, was found dead under the front car of the trip he was taking to the bottom. It is supposed that he was riding on the front end of his trip and fell under the car. This part of the mine has a heavy grade, requiring several spraggs. The usual number was found on the trip. His home was in Collinsville, Ill.

January 15, 1907, August Smith, trapper, aged 71 years, married, employed at mine No. 10 of the Consolidated Coal Company, Mt. Olive, Macoupin county, was run over by a trip of cars and killed. He was employed to trap a door at the foot of a steep hill. The driver had to get his trip from different entries and make it up on top of this hill. Two of the cars started down the hill towards the door. The trapper supposing that it was the driver coming with his trip, opened the door and walked leisurely down the track to where he was accustomed to pull out the spraggs. Being partly deaf he could not hear the cars until it was too late for him to get out of the way. He leaves a wife and three grown children.

January 29, 1907, William Wertzel, miner, aged 38 years, single, employed at the Carlinville Coal Company's mine, Carlinville, Macoupin county, was caught under a very large falling rock at the face of his working place and

instantly killed. He leaves his mother, who was dependent on him for support.

January 31, 1907, John Gray, shot firer, aged 29 years, single, working in the Royal Colliery Company's mine No. 1, Virden, Macoupin county, was killed instantly. He had just lit a shot on the rib of one room and went into the next to charge and fire a shot there. Not knowing that the pillar between the two rooms was thin, the result was, when the shot went off, it blew through, throwing the coal clear across the other room, killing him instantly.

March 14, 1907, William Loedke, laborer, aged 71 years, married, employed in mine No. 10 of the Consolidated Coal Company, Mt. Olive, Macoupin county, was found dead under a loaded car. The duty of deceased was to pick up loose coal falling off of the cars. He had loaded the car under which he was found and had placed his shovel on top of the car. He had also spragged two wheels, and after hooking his mule to the car proceeded towards the shaft bottom. It is supposed that he was walking between the mule and the car and fell, when the car ran on to him. He leaves a widow and three grown children.

March 23, 1907, John Grushalla, miner, aged 56 years, married, was fatally injured by being run over by a trip of cars in mine No. 2 of the Superior Coal Company at Benld, Macoupin county. He had finished his day's work and was waiting with others to be hoisted to the top, when a trip of cars was sent to the bottom. Deceased started across the track just at the time the trip arrived and was knocked down and under the cars. He died that night. He leaves a widow and five children.

April 10, 1907, Anton Wollner, miner, aged 35 years, married, employed by the Smith-Lohr Coal Mining Company at Pana, Christian county, was struck on the head by a small piece of coal that fell from near the roof at the face of his room, fracturing his skull and killing him instantly. He leaves a widow, but no children.

April 30, 1907, Fred Smith, laborer, aged 30 years, married, working for the Illinois Collieries Company at its mine No. 7, Litchfield, Montgomery county, was found dead under a fall of slate in a room where he had been left to clean up some slate that had previously fallen. He was sent to this place with a timberman and another laborer to do this work and was given instructions to remain and finish the work. The timberman and the other laborer were called away to do other work, but when they returned they found Smith dead under some slate some distance in from where he was left. It is not known why he went there. He leaves a widow and three children.

May 17, 1907, Emil Micknic, driver, aged 18 years, single, was found dead under his loaded trip in mine No. 7 of the Consolidated Coal Company, Staunton, Macoupin county. It is supposed that he was riding on the front end of his trip and seeing his whip falling off of his shoulder, made a grab for it and fell. His whip was found fifteen feet from where he was found.

June 4, 1907, Lewis Hart, miner, aged 58 years, married, was found dead under some coal at the face of his room in the mine of the Penwell Coal Company, Pana, Christian county. Deceased and his partner had left the room to secure some rails and ties for tracking when, on their way out, Hart suddenly turned and went into his room. When his partner returned, having been away not more than ten minutes, he found deceased under the coal. It was what is termed a standing shot and deceased knew that it was very dangerous. He leaves a widow and four grown children.

June 25, 1907, Charles Tiffin, top laborer, aged 28 years, married, was killed by falling into the shaft of the Hillsboro Coal Company, Hillsboro, Montgomery county. He and two others had taken a car off of the cage at the lower landing and the signal was given by the foreman to the engineer to hoist the cage to the dump. Tiffin got on to the cage after the signal was given and when the cage started jumped off, falling into the shaft. He leaves a widow and two children.

Respectfully submitted,

W. W. WILLIAMS,

State Inspector of Mines, Seventh District, Litchfield, Ill.

Fatal Casualties—Seventh District—July 1, 1907.

Date.	Name.	Age.	Occupation.	Residence (Town).	Married.	Widows.	Children.	Single.	Persons dependent.	Cause of Accident.
1906.										
July 14	Mike Riley.....	37	Sinker.....	Braidwood.....				1		Explosion dynamite
15	Lawrence Bowman..	25	Driver.....	Viriden.....				1		Pit car.....
Aug. 21	Sam Voigt.....	44	Top boss.....	Mt. Olive.....	1	1	7		8	Rail road car.....
Sept. 8	David Hosking.....	23	Miner.....	Winchester.....				1		Falling slate.....
	Joe Hoelting.....	47	do.....	Carlinville.....	1	1	5		6	Falling coal.....
	L. C. Foster.....	35	Carpenter.....	Viriden.....				1		Falling off scaffold..
	Simon Malle.....	43	Timberman.....	Staunton.....	1	1			1	Falling slate.....
Oct. 7	Ed. Haum.....	25	Cager.....	Mt. Olive.....	1	1	2		3	Pit cars.....
	Joe Dunko.....	35	Laborer.....	do.....	1	1			1	Falling rock.....
	Wm. Radford.....	33	Sinker.....	Witt.....	1	1	3		4	Falling down shaft..
1907										
Jan. 7	Albert Mauer.....	24	Driver.....	Collinsville.....				1		Pit cars.....
15	August Smith.....	71	Trapper.....	Mt. Olive.....	1	1	2		1	do.....
29	Wm. Wertzell.....	38	Miner.....	Carlinville.....				1	1	Falling rock.....
31	John Gray.....	29	Shot firer.....	Viriden.....				1		Shot blowing through pillar...
Mar. 14	Wm. Loedke.....	71	Laborer.....	Mt. Olive.....	1	1	3		1	Pit cars.....
23	John Grushalla.....	56	Miner.....	Benld.....	1	1	5		6	do.....
April 10	Anton Wollner.....	35	do.....	Pana.....	1	1			1	Falling coal.....
30	Fred Smith.....	30	Laborer.....	Litchfield.....	1	1	3		4	Falling slate.....
May 17	Emil Micknic.....	18	Driver.....	Staunton.....				1		Pit cars.....
June 4	Lewis Hart.....	58	Miner.....	Pana.....	1	1	4		1	Falling coal.....
	Chas. Tiffin.....	28	Laborer.....	Hillsboro.....	1	1	2		3	Falling down shaft..
	Total.....				13	13	37	8	41	

Recapitulation of Fatal Casualties—Seventh District—1907.

Residence.	No.	Occupation.	No.	Nature of Casualty.	No.	Colliery.	No.
Benld.....	1	Cager.....	1	Dynamite explosion.	1	Bates, W. H. Coal Co.....	1
Braidwood.....	1	Carpenter.....	1	Falling coal.....	3	Burnwell Coal Co.....	1
Carlinville.....	3	Drivers.....	3	Falling down shaft.	2	Carlinville Coal Co.....	2
Hillsboro.....	1	Laborers.....	4	Falling off scaffold..	1	Consolidated Coal Co.....	7
Litchfield.....	1	Miners.....	6	Falling rock.....	2	Hillsboro Coal Co.....	1
Mt. Olive.....	5	Shot firer.....	1	Falling slate.....	3	Illinois Col. Co.....	1
Pana.....	2	Sinkers.....	2	Pit cars.....	7	Illinois Midland Coal Co..	1
Staunton.....	2	Timberman.....	1	Railroad cars.....	1	Penwell.....	1
Viriden.....	3	Top foreman..	1	Shot blown through pillar		Royal Col. Co.....	3
Winchester.....	1	Trapper.....	1		1	Smith-Lohr.....	1
Witt.....	1				1	Superior Coal Co.....	2
Totals.....	21		21		21		21

Non-Fatal Casualties—Seventh District—July 1, 1907.

Date.	Name.	Age	Residence (Town).	Married.	Single.	Children.	No. persons dependent.	Character of Injury and Cause of Accident.	Time lost—days.
1906									
July	2 Joe Witkins	35	Pana	1				1 Toe broken, falling coal	30
	11 John Vaughn	56	Assumption	1				Hand injured, falling coal	32
	16 Tom Murrey	50	Greenridge	1				Arm broken, falling coal	40
	17 Jas. Struthers	35	Gillespie	1		2		3 Back bruised, falling slate	42
	19 Oscar Carpenter	27	Hillsboro	1				1 Foot bruised, pit car	30
Aug.	16 Peter Noren	45	Taylorville	1				1 Body bruised, falling slate	30
	24 Richard Paray	30	Gillespie	1				Leg bruised, pit car	*
	24 Wm. Pecky	35	Stonington	1		1		2 Leg broken, machine	65
Sept.	4 Harry White	19	Litchfield	1				Leg broken, pit car	287
	5 Harry Whittis	19	Nilwood	1				Arm broken, pit cars	180
	8 John Gulin	40	Litchfield	1				Arm broken, pit car	45
	9 John File	28	Gillespie	1				Back bruised, falling slate	36
	10 Albert Burket	20	Girard	1				Collar bone broken, pit cars	44
	10 Peter Allen	63	Assumption	1		4		5 Body bruised, falling coal	49
	10 B. Hoffmeister	23	Pana	1				Body bruised, pit cars	114
	14 D. Evoglietti	27	Gillespie	1				Leg broken, pit cars	108
	19 Wm. Murphy	59	Greenridge	1				Leg broken, falling coal	98
Oct.	1 Geo. Dansero	42	Girard	1		3		4 Leg broken, falling slate	290
	8 Harry Richardson	21	Taylorville	1				Body bruised, kicked by mule	*
	9 Joe Andrews	33	do.	1		2		3 Arm and leg injured, falling coal	36
	20 Claude Seadly	30	Hillsboro	1		1		2 Finger broken, falling coal	31
	25 Ralph Sauerbeit	22	Girard	1		1		2 Leg broken, motor	90
	25 Frank Alsh	16	Greenridge	1				Foot broken, motor	41
Nov.	13 Robert Stein	38	Litchfield	1		2		3 Ankle broken, pit car	60
	16 John Cunningham	65	Taylorville	1				Toe broken, falling clod	30
	16 Pat Fogerty	30	Pana	1		3		3 Face injured, kicked by mule	53
	19 Frank Petick	36	Taylorville	1				1 Back injured, pit car	42
	20 L. Myers	30	Virden	1		2		3 Finger injured, machine	30
	23 Wm. Bergen	45	Gillespie	1		4		5 Body bruised, falling coal	38
	23 Theo. Eppler	37	do.	1				Leg broken, falling slate	90
	27 Tobias Unterlocker	40	Benld	1		3		4 Ribs broken, falling off R. R. car	40
Dec.	3 Joe Burnett	44	Girard	1		2		3 Back injured, falling coal	82
	7 Jas. Logan	37	Gillespie	1		4		5 Toe bruised, machine	40
	8 D. L. Jones	21	Taylorville	1				Leg broken, motor	125
	10 Hammond Laynet	18	Pana	1				Leg broken, falling coal	125
	10 Chas. Freeman	26	Panama	1		2		3 Foot mashed, falling rail	30
	13 Joe Goodaski	30	Greenridge	1				Body bruised, falling slate	30
	18 Peter Minnette	35	Virden	1		3		4 Foot mashed, pit car	30
	20 John Schrofer	35	Greenridge	1				1 Hand mashed, falling slate	60
	27 P. W. Shanock	50	Pana	1		4		5 Leg bruised, falling coal	47
	29 John Finland	45	Hillsboro	1				1 Leg broken, drill	100
1907									
Jan.	11 Joe Gagovitch	29	Sawyerville	1				Face and body burned, powder explosion	40
	15 John Donaldson	21	do.	1				Leg broken, pit car	66
	15 Gus Weidenkind	55	Staunton	1				Leg broken, falling coal	60
	17 A. Dragovich	18	Mt. Olive	1				Leg bruised, pit cars	30
	18 Geo. Zombok	27	Greenridge	1				Finger cut off, pit car	30
	20 Bert Brown	22	Taylorville	1		1		2 Body bruised, pit car	*
	21 John Prickett	16	Litchfield	1				Back injured, falling coal	82
	24 Francis Derling	30	Virden	1		3		4 Face and hands burned, powder explosion	105
	25 Mike Hollowick	19	Mt. Olive	1				Leg broken, falling coal	78
	25 Geo. Patrick	32	Moweaqua	1		2		3 Foot mashed, pit car	30
	26 John Snook	35	Gillespie	1				Toe fractured, pit cars	38
	26 John Beerer	50	Litchfield	1				1 Leg broken, falling slate	*
	26 Wm. Sullivan	20	Witt	1				Body bruised, falling coal	80
	27 Geo. Leebert	18	Taylorville	1				Body bruised, pit car	*
Feb.	4 Joe Davies	21	do.	1				Ribs broken, pit car	30
	7 John Zinnelman	24	Benld	1				Toe fractured, falling rails	49
	8 Joe Burkhart	24	Stonington	1				Head cut, falling coal	*
	8 G. W. Littlehale	19	Gillespie	1				Back bruised, pit cars	31
	14 Joe Blevess	27	do.	1				Leg fractured, falling coal	40
	19 Max Luebke	55	Staunton	1		4		5 Leg broken, falling coal	60
	22 Herbert Clay	22	Virden	1				Arm broken, pit cars	30
	25 Martin Potusk	35	Moweaqua	1				Body bruised, falling slate	60
	26 Dan King	50	do.	1		2		3 Body bruised, pit car	30
	26 John Kamatz	48	Staunton	1		4		5 Head and ankle bruised, falling coal	30

Non-Fatal Casualties—Seventh District—Concluded.

Date.	Name.	Age.	Residence. (Town)	Married. Single.	Children.	No. persons dependent	Character of Injury and Cause of Accident.	Time lost days.
1907								
Mar.	2 John Dragovitz	22	Benld	1	1		Leg bruised, falling coal.	63
	2 F. Huffaker	24	Virden	1			1 Arm broken, falling coal.	50
	2 Jas. Fortune	26	do.		6		1 Arm broken, falling coal.	54
	5 John Miller	35	Gillespie	2	1		Leg broken, falling slate	117
	8 Wm. Carnes	58	do.	1			1 Foot injured, falling coal	41
	13 Eno Michnie	23	Mt. Olive	1	1		Leg bruised, falling coal	34
	15 Arno Scheiter	35	do.	1	5	6	Leg and arm broken, falling coal	70
	16 Melvin Davis	18	Taylorville	1			Back injured, falling coal.	100
	19 I. Grashki	43	Benld	1			Arm injured, pit car.	36
	25 J. W. Tracy	46	Taylorville	1	4	5	Arm broken, thrown down.	50
	30 Joe Blythe	24	Gillespie	1	1		Foot injured, motor.	92
Apr.	1 A. Young	27	Sawyerille	1	2	3	Foot injured, falling coal	91
	5 Geo. Zendowaski	38	Greenridge	1			Back injured, falling coal.	60
	9 A. Delaney	26	Gillespie	1			Leg broken, falling slate	82
	10 John Urlick	17	Staunton	1			Leg bruised, pit car.	42
	12 David Strachan	15	Panama	1			Body burned, blown out shot	42
	12 Wm. Deppity	52	Panama	1	1	4	Body burned, blown out shot.	49
	13 John Miller	42	Assumption	1	4	5	Toe injured, falling coal	34
	15 Ben Whittler	30	Virden	1	3	4	Leg broken, falling plank.	30
	19 Anton Gent	54	Tower Hill	1	2	3	Body bruised, falling coal	30
	20 A. Tauvance	21	Pana	1			Ankle injured, falling coal.	48
	23 John Laiders	23	Gillespie	1			Body bruised, pit car	41
	27 Emanuel Bauer	31	Mt. Olive	1			Finger mashed, falling slate.	58
May	3 Jesse King	24	Staunton	1			Hand injured, pit car.	30
	6 J. Adamson	27	Mt. Olive	1	2	3	Leg injured, pit car.	45
	6 Geo. Hunter	40	Virden	1	5	6	Arm broken, machine.	38
	8 Jno. Tamsvich	25	Pana	1			Toe mashed, pit car.	36
	10 Mike Dragovich	18	Mt. Olive	1			Back injured, pit car.	40
	11 Peter Allen	63	Assumption	1	6	7	Body injured, pit car.	45
	16 John Spinder	18	Staunton	1			Arm broken, pit car.	35
	19 Geo. Alderson	25	Virden	1			Foot fractured, pit car.	40
	21 Wm. Clotfelt	33	Benld	1			Leg broken, falling coal	56
	22 Andrew Dedvich	24	Pana	1			Body bruised, pit car.	40
	23 John Velose	30	Virden	1	2	3	Head cut, falling slate	48
	24 Pat McCann	31	Mt. Olive	1	1		Body bruised, falling coal	30
	27 Wm. Bell	61	Girard	1	8	9	Finger mashed, falling coal.	32
	27 J. A. Thomas	48	Nilwood	1	5	1	Body burned, powder explosion	35
	27 Chas. Crouse	45	do.	1	6	7	do.	35
June	1 Mano Domnuco	28	Panama	1	2	5	Body burned, gas explosion.	39
	1 Anton Pozz	25	do.	1	1	2	do.	31
	1 John Weildt	44	Staunton	1			Back injured, falling coal	*
	5 E. Loescher	50	Mt. Olive	1			Foot injured, falling coal	*
	7 John Tiddwell	33	Litchfield	1			Leg broken, pit car.	*
	14 F. Medder	21	Staunton	1			Hand bruised, pit car	*
	15 Wm. Bischam	40	do.	1			Leg broken, falling slate	*
	19 Geo. McKinner	28	Stonington	1			Leg bruised, kicked by mule.	*
	21 Thos. Traylor	52	Litchfield	1			Finger cut off, falling rock	*
	26 Jno. Stefonce	36	Mt. Olive	1	4	5	Leg broken, pit car.	*
	Totals			55	58	122	175	

*Not recovered July 1, 1907.

Total number of men injured	113
Number not recovered July 1, 1907	15
Number recovered July 1, 1907	98
Total time lost by men recovered—days	5,680
Average time by men recovered—days	58.05

Recapitulation of Non-Fatal Casualties—Seventh District—1907.

Residence.	No.	Occupation.	No.	Cause of Accident.	No.	Colliery.	No.
Assumption ..	4	Cagers	7	Blownout shot.....	2	Assumption Coal Co	4
Benld	5	Car coupler ...	1	Drill	1	Burnwell Coal Co	1
Gillespie	15	Drivers.....	26	Falling board.....	1	Century Coal Co	1
Girard	5	Firemen	2	Falling clod.....	1	Christian County Coal Co..	5
Greenridge ..	7	Laborers	5	Falling coal.....	36	Consolidated Coal Co	14
Hillsboro	3	Loaders	13	Falling off railroad		Green Ridge Coal Co	9
Litchfield ..	7	Machine boss..	1	car	1	Hillsboro Coal Co	3
Moweaqua	3	Machine help-		Falling rail		Illinois Collieries Co.....	22
Mt. Olive	10	ers	6	Falling rock	1	Madison Coal Co	6
Nilwood	3	Machine run-		Falling slate	14	Pana Coal Co	2
Pana	8	ner	1	Gas explosion	2	Penwell Coal Co	4
Panama	5	Mine examiner	1	Kicked by mule	3	Prairie State Coal Co.....	2
Sawyer ville...	3	Miners	41	Machine	4	Royal Collieries Co	1
Staunton	9	Motorman	1	Motor	4	Shoal Creek Coal Co	5
Stonington....	3	Shot firers...	3	Pit cars	36	Smith-Loehr Coal Co.....	1
Taylorville....	11	Trackmen.....	2	Powder explosion ...	4	Stonington Coal Co.....	1
Tower Hill....	1	Trappers.....	2	Thrown down	1	Superior Coal Co.....	32
Vir den	10	Trip rider.....	1				
Witt	1						
Totals.....	113		113		113		113

Table Showing the Nature of Injuries, Number of Persons Injured, Dependents, Time Lost, with Averages and Percentages.

NATURE OF INJURIES.	Number.	Married.	Single.	Dependents.	TIME LOST.		Per cent of injuries.
					Total days.	Average days.	
Ankle broken	1	1	.....	3	60	60.00	0.88
Ankle injured	1	.....	1	.....	48	48.00	0.88
Arm and leg injured	1	1	.....	3	36	36.00	0.88
Arms broken	9	4	5	14	522	58.00	7.97
Arm injured	1	.....	1	.....	36	36.00	0.88
Backs injured	10	3	7	7	516	57.33	8.85
Bodies bruised	16	8	8	26	587	48.92	14.16
Bodies burned	6	5	1	24	231	38.50	5.31
Collar bone broken	1	.....	1	.....	44	44.00	0.88
Face and body burned	2	1	1	4	145	72.50	1.78
Face injured	1	1	.....	3	53	53.00	0.88
Finger broken	1	1	.....	2	31	31.00	0.88
Fingers cut off	2	.....	2	.....	30	30.00	1.78
Fingers injured	3	2	1	12	120	40.00	2.65
Foot broken	1	.....	1	.....	41	41.00	0.88
Feet injured	9	7	2	15	384	48.00	7.97
Hand injured	4	1	3	1	122	40.67	3.54
Head and ankle bruised	1	1	.....	5	30	30.00	0.88
Heads cut	2	1	1	3	48	48.00	1.78
Leg and arm broken	1	1	.....	6	70	70.00	0.88
Legs broken	24	12	12	29	1,994	99.70	21.24
Legs bruised	7	4	6	3	214	42.80	6.20
Ribs broken	2	1	1	4	70	35.00	1.78
Toes broken	4	1	3	1	147	36.75	3.54
Toes injured	3	2	1	10	110	36.67	2.65
Totals, averages and percentages...	113	55	58	175	5,689	58.05	100.00

Calhoun County—Seventh District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES.							
1	Calhoun Brick & Clay Co.....	Golden Eagle.	4,450 .....	.....	.....	.....	.....

Mines reported for 1906, 1.
Mines in 1907, 1.

Christian County—Seventh District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Christian County Coal Co.....	Taylorville ...	41,100	146,590	.....	1,738	30,521
2	Pana Coal Co. No. 1.....	Pana	77,338	48,409	1,122	27,356	39,290
3	Pana Coal Co. No. 2.....	do.....	102,680	42,445	807	16,617	18,708
4	Springfield Coal Co. No. 6	Taylorville ...	39,737	101,464	.....	568	17,698
5	Penwell Coal Co., Penwell	Pana	28,143	65,046	2,718	24,675	37,706
6	Smith-Lohr Coal Co.....	do.....	25,000	40,000	5,000	10,000	27,700
7	Stonington Coal Co.....	Stonington ..	21,186	52,065	.....	1,590	4,315
8	Assumption Coal Co.....	Assumption ..	.....	42,375	.....	16,106	14,489
Totals			335,184	538,394	9,647	98,650	190,427

Mines reported for 1906, 8.
Mines in 1907, 8.

Calhoun County—Seventh District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	4,450	\$4,450	.....	.....	.....	4,450	235	4,450	14	4	18	1

Christian County—Seventh District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
4,728	224,677	\$253,608	210,970	.....	8,979	4,728	170	224,677	157	71	228	1
14,845	208,360	166,391	153,016	35,262	8,102	11,980	184	208,360	162	76	238	2
9,148	190,405	164,643	181,257	.....	.....	9,148	167	190,405	182	67	249	3
9,643	169,110	161,648	123,249	19,445	16,773	9,643	164	169,110	174	85	259	4
6,888	165,176	163,817	131,765	15,529	10,903	6,989	162	165,176	155	78	233	5
.....	107,700	106,100	97,505	.....	7,700	2,500	155	107,700	120	44	164	6
7,023	86,179	95,858	76,035	.....	3,121	7,023	192	.....	51	53	104	7
10,989	83,959	146,867	63,585	.....	9,435	10,939	205	83,959	117	70	187	8
63,264	1,235,566	\$1,258,932	1,037,367	70,236	65,013	62,950	175	1,149,387	1,118	544	1,162	

Greene County—Seventh District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES.							
1	A. Y. Collins	Greenfield		1,590			680
2	Wm. Allen	Wrights		1,200			
3	White Hall Ry. Co.	White Hall		360			
	Totals			3,150			680

Mines reported for 1906, 4.

Abandoned mines, 1.

Mines in 1907, 3.

Jersey County—Seventh District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES.							
1	Chas. Lyle.....	Brighton.....		1,400			
2	Caerns & Batt.....	do.....		640			
	Totals			2,040			

Mines in 1907, 2.

Greene County—Seventh District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	2,270	\$3,690	.....	.....	2,270	.....	265	2,270	7	3	10	1
.....	1,200	2,400	.....	.....	1,200	.....	175	1,200	8	2	10	2
.....	360	360	.....	.....	.....	360	300	360	8	4	12	3
.....	3,830	\$6,450	.....	.....	3,470	360	247	3,830	23	9	32	

Jersey County—Seventh District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	1,400	\$2,800	.....	.....	1,400	.....	150	1,400	2	.....	2	1
.....	640	1,120	.....	.....	640	.....	140	640	2	.....	2	2
.....	2,040	\$3,920	.....	.....	2,040	.....	145	2,040	4	.....	4	

Macoupin County—Seventh District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Superior Coal Co., No. 2.....	Gillespie		554,051			127,995
2	Superior Coal Co., No. 1.....	do.		515,178			123,085
3	Illinois Collieries Co., No. 1.....	Virden	9,591	186,256	21,915	36,047	66,211
4	Consolidated Coal Co., No. 15.....	Mt. Olive	71,576	165,418			82,201
5	Superior Coal Co., No. 3.....	Gillespie		249,186			54,337
6	Consolidated Coal Co., No. 14.....	Staunton	38,772	138,311			130,270
7	Royal Colliery Co., No. 1.....	Virden	26,306	85,459	24,033		90,099
8	Illinois Collieries Co., No. 5.....	Girard.....	22,178	130,023			71,244
9	Consolidated Coal Co., No. 6.....	Staunton.....	171,497	21,779			15,911
10	Greenridge Mining Co., Greenridge.	Greenridge.....	87,497	46,847			43,452
11	Madison Coal Corporation, No. 5.....	Mt. Olive	33,284	94,869	5,012	54	31,912
12	Consolidated Coal Co., No. 10.....	do.	33,420	80,974			29,374
13	Consolidated Coal Co., No. 8.....	do.	67,099	51,926			21,497
14	Consolidated Coal Co., No. 7.....	Staunton.....	37,922	33,855			24,657
15	Illinois Collieries Co., No. 4.....	Virden	27,093	15,152			14,144
16	Carlinville Coal Co., Carlinville.....	Carlinville.....	32,005	12,624		1,750	4,465
17	Prairie State Coal & Coke Co., No. 1	Nilwood.....	37,359				4,000
18	Consolidated Coal Co., Gillespie.....	Gillespie.....	473	14,928			6,851
Totals			696,072	2,396,866	50,960	37,851	941,705
LOCAL MINES.							
1	Wm. Neil & Co.....	Bunker Hill.....		3,492			648
2	Bauser & Truesdale.....	do.		2,035			1,987
3	James Harbaugh.....	Chesterfield.....		720			
4	Frank Davis & Bro.....	Fayette.....		400			
5	John J. Harbaugh.....	Chesterfield.....		329			
6	Louis Luieking.....	Brighton.....		320			
7	H. S. Duggan.....	Scottsville.....		320			
8	Fred Jordean.....	Bunker Hill.....		160			
9	G. B. Loper.....	Chesterfield.....		450			
Totals				8,226			2,635
Totals—27 mines.....			696,072	2,405,092	50,960	37,851	944,340

Mines reported for 1906, 29.

New mines, 1.

Abandoned mines, 3

Mines in 1907, 27.

Montgomery County—Seventh District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Burnwell Coal Co., No. 24	Witt	230,177	72,496	868	7,580	27,011
2	Hillsboro Coal Co.	Hillsboro	46,283	98,040	39,024	3,667	49,383
3	Shoal Creek Coal Co., No. 1.....	Panama	9,934	132,726	946	7,560	61,696
4	Kortkamp Coal Co., No. 1.....	Hillsboro	97,890				
5	Illinois Collieries Co., No. 7.....	Litchfield	20,216	30,755	7,900	38	11,742
6	Clover Leaf Coal Co., No. 1.....	Coffeen	1,962	50,831		2,825	14,184
7	Clover Leaf Coal Co., No. 2.....	do.	5,195	13,215	36	811	9,152
8	Burnwell Coal Co., No. 22.	Witt	9,817				
Totals.....			421,474	398,063	48,774	22,481	173,168
LOCAL MINES.							
1	Peabody Coal Co.	Nokomis	3,228				
2	Miller Coal Co., No. 1.....	Raymond	100	850		50	350
Totals			3,328	850		50	350
Totals—10 mines			424,802	398,913	48,774	22,531	173,518

Mines reported or 1906, 8.

New mines.

Mines in 190 , .

Montgomery County—Seventh District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
.....	338,132	\$319,479	325,408	.....	7,538	5,186	241	368,132	250	55	305	1
.....	236,397	252,493	223,086	.....	8,766	4,545	217	.....	130	70	200	2
954	213,816	175,003	208,697	.....	1,055	4,064	273	135,073	155	75	230	3
.....	97,890	97,890	87,890	.....	8,488	1,512	155	.....	56	23	79	4
7,894	78,545	94,181	43,261	20,063	12,700	2,521	234	78,548	75	76	151	5
.....	69,802	80,424	65,195	242	2,865	1,500	174	69,802	75	42	117	6
900	29,309	27,694	25,356	.....	554	3,400	199	8,066	20	29	49	7
.....	9,817	8,835	8,817	.....	.....	1,500	69	9,817	18	10	28	8
9,748	1,073,708	\$1,055,999	987,209	20,305	41,966	24,228	213	639,435	779	380	1,159	
.....	\$3,228	6,456	.....	.....	2,228	1,000	135	.....	4	8	12	1
50	1,400	2,780	.....	.....	1,000	400	120	1,400	12	12	24	2
50	\$4,628	\$9,236	987,209	20,305	3,228	1,400	128	1,400	16	20	36	
9,798	1,078,336	\$1,065,235	987,209	20,305	45,191	25,628	.....	640,835	795	400	1,195	

Morgan County—Seventh District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES.							
1	F. Wagstaffe.	Murrayville....		1,450			
2	Jacob Stokes	Arenzville		1,248			
Totals—2 mines				2,698			

Mines reported for 1906, 2.

Mines in 1907, 2.

Scott County—Seventh District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES.							
1	W. H. Bates & Co., No. 1.....	Winchester...		13,200			500
2	Chas. McElwee, No. 1.....	do.....		3,030			
3	Wm. Kund, No. 1.....	Bluffs.....		1,406			
4	John McGuire, No. 1.....	Alsey.....		800			
5	McLaughlin Mining Co., New.....	do.....		743			
6	Geo. Sellers, No. 1.....	Winchester....		625			
7	Ed. Berry, No. 1.....	Exeter.....		520			
8	Ed. Ranft, No. 1.....	Bluffs.....		400			
9	Pat McGuire, No. 1.....	Alsey.....		140			
Totals—9 mines.....				20,864			500

Mines reported for 1906, 8.

New mines, 1.

Mines in 1907, 2.

Morgan County—Seventh District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employees.	Total.	
.....	1,450	\$2,538	.....	.....	1,450	.....	290	1,450	4	1	5	1
.....	1,248	2,808	.....	.....	1,248	.....	260	1,248	3	1	4	2
.....	2,698	\$5,346	.....	.....	2,698	.....	275	2,698	7	2	9	

Scott County—Seventh District—1907—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employees.	Total.	
.....	13,700	\$22,690	.....	.....	13,200	500	295	13,700	24	12	36	1
.....	3,030	5,303	.....	.....	3,030	.....	200	3,030	5	1	6	2
.....	1,406	2,812	.....	.....	1,406	.....	230	1,406	6	1	7	3
.....	800	1,400	.....	.....	800	.....	245	800	4	.....	4	4
.....	743	1,486	.....	.....	.....	743	120	743	5	.....	5	5
.....	625	938	.....	.....	625	.....	200	625	4	.....	4	6
.....	520	1,040	.....	.....	520	.....	150	520	3	.....	3	7
.....	400	800	.....	.....	400	.....	125	400	3	.....	3	8
.....	140	245	.....	.....	140	.....	100	140	1	.....	1	9
.....	21,364	\$36,714	.....	.....	20,121	1,243	185	21,364	55	14	69	

Shelby County--Seventh District--1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Moweaqua Coal M. & Mfg. Co., No. 1	Moweaqua.....	10,948	23,642	11,454	13,920	7,688
2	Century Coal Co., No. 1.....	Tower Hill....	7,202	24,434	5,666	6,198	14,222
Totals			18,150	48,076	17,120	20,118	21,910
LOCAL MINES.							
1	B. F. Stretch.....	Shelbyville		3,000			
2	Widdick Bros.....	Findley		2,054			80
3	John Anglin.....	Shelbyville		2,000			
4	M. R. Williams.....	do.		1,200			
5	W. W. Turney.....	do.		1,200			
6	Chas. Brophy.....	do.		528			
7	Wm. F. Gallagher.....	Mode		500			
8	Hickey & Kingston.....	Shelbyville		480			
9	Wm. Baum.....	do.		200			
Totals				11,162			80
Totals—11 mines.....			18,150	59,238	17,120	20,118	21,990

Mines reported for 1906, 11.

Mines in 1907, 11.

Shelby County--Seventh District--1907--Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
4,324	71,976	\$102,731	46,941	10,789	10,044	4,202	214	69,999	85	42	127	1
2,368	60,090	65,676	55,050	.....	2,672	2,368	182	60,090	82	28	110	2
6,692	132,066	\$168,407	101,991	10,789	12,716	6,570	198	130,089	167	70	237	
.....
.....	3,000	\$8,250	.....	.....	2,950	50	250	3,000	10	2	12	1
.....	2,134	5,789	.....	.....	2,054	80	137	2,134	16	1	17	2
.....	2,000	5,500	.....	.....	2,000	.....	200	2,000	20	5	25	3
.....	1,200	3,300	.....	.....	1,200	.....	200	1,200	10	2	12	4
.....	1,200	3,000	.....	.....	1,200	.....	60	1,200	3	3	6	5
.....	528	1,452	.....	.....	528	.....	90	528	5	1	6	6
.....	500	1,125	.....	.....	500	.....	120	500	6	.....	6	7
.....	480	1,200	.....	.....	480	.....	150	480	5	.....	5	8
.....	200	550	.....	.....	200	.....	90	200	4	1	5	9
.....	11,242	\$30,166	.....	.....	11,112	130	144	11,242	79	15	94	
6,692	143,308	\$198,573	101,991	10,789	23,828	6,700	.....	141,331	246	85	331	

Shipping Mines—Recapitulation by Counties—

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Christian.....	8	335,184	538,394	9,647	98,650	190,427	63,264	1,235,566	\$0.5756	\$0.48
Macoupin.....	18	696,072	2,396,866	50,960	37,851	941,705	92,952	4,216,406	.55	.48
Montgomery.....	8	421,474	398,063	48,774	22,481	173,168	9,748	1,073,708	.55	.48
Shelby.....	2	18,150	48,676	17,120	20,118	21,910	6,692	132,066	.5715	.52
Totals.....	36	1,470,880	3,381,399	126,501	179,100	1,327,210	172,656	6,657,746	\$0.5628	\$0.48

Local Mines—Recapitulation by Counties—

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Calhoun.....	1	4,450						4,450	\$1.00	....
Greene.....	3		3,150			680		3,830	1.00	....
Jersey.....	2		2,040					2,040	.9108	....
Macoupin.....	9		8,226			2,636		10,861	.6434	\$0.48
Montgomery.....	2	3,328	850		50	350	50	4,628	.88	.48
Morgan.....	2		2,698					2,698	.8145	....
Scott.....	9		20,864			500		21,364	1.0737	....
Shelby.....	9		11,162			80		11,242	1.5491	....
Totals and av....	37	7,778	48,990		50	4,245	50	61,113	\$1.0837	\$0.48
Totals, district — all mines.....	73	1,478,658	3,430,389	126,501	179,150	1,331,445	172,706	6,718,859	.....	.....

Whole number of mines reported in 1906, 71.

Number of new mines opened during the year, 10.

Number of mines abandoned during the year, 8.

Whole number of mines reported in 1907, 73.

Seventh District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYEES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employes.	Total.
175	1,149,387	86,179	\$0.94	\$1.335	\$1.25	\$1.071	\$0.476	\$0.269	1,118	544	1,662
189	600,135	3,616,271	.923	1.104	1.197	1.166	.447	.228	2,867	1,590	4,457
213	639,435	434,273	0.398	1.263	1.333	0.972	0.339	0.317	779	380	1,159
198	130,089	1,977	1.193	1.715	1.819	.916	.609	.464	167	70	237
194	2,519,046	4,138,700	\$0.935	\$1.169	\$1.324	\$1.063	\$0.446	\$0.195	4,931	2,584	7,515

Seventh District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYEES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employes.	Total.
235	4,450		\$1.00						14	4	18
247	3,830			\$1.8857			\$0.75		23	9	32
145	2,040			1.9705					4		4
167	6,721	4,140		1.7193			1.25		35	15	50
128	1,400	3,228	2.00	2.50		\$2.00	1.00	\$0.10	16	20	36
275	2,698			1.9812					7	2	9
185	21,364			1.7476			.50		55	14	69
144	11,242			2.6890			1.75		79	15	94
177	53,745	7,368	\$1.4279	\$1.9996		\$2.00	\$1.0704	\$0.10	233	79	312
.....	2,572,791	4,146,068							5,164	2,663	7,827

EIGHTH INSPECTION DISTRICT—1907.

SECOND ANNUAL REPORT.

Counties—Bond, Crawford, Effingham, Fayette, Jasper, Monroe, Madison, St. Clair.

WALTON RUTLEDGE, *Inspector*, Alton.

HON. DAVID ROSS,

Secretary, State Bureau of Labor Statistics, Springfield, Ill.

SIR—In compliance with section 12 of an Act of the General Assembly of Illinois, defining the duties of State Inspectors of coal mines, I have the honor of herewith submitting to you the second annual report for the eighth district. The counties of Bond, Madison and St. Clair are the only coal producing counties in the district. The following tables give all the necessary information in regard to the number of mines, miners and other employes; the various grades of coal produced and the number of tons of each with the selling price per ton at the mine; the disposition of the product of the mines, whether shipped, sold to local consumers or used for producing steam at the mines; the quantity of powder used at the mines and a statement of all fatal and non-fatal accidents.

The following summary for the district is presented for the year ended June 30, 1907:

Number of shipping mines.....	78
Number of mines in local trade only.....	37
Total number of mines.....	115
Number of miners employed.....	6,432
Number of others employed underground.....	1,837
Number of boys underground.....	169
Number employed on the surface.....	905
Total number of employes.....	9,343
Number of kegs of powder used.....	159,841
Tons of mine run coal produced.....	1,788,461
Tons of lump coal produced.....	3,886,099
Tons of egg coal produced.....	305,533
Tons of nut coal produced.....	283,481
Tons of screening.....	1,591,311
Tons of slack or waste.....	290,315
Total number of tons produced.....	8,145,200
Tons shipped on railroads.....	7,543,606
Tons supplied to locomotives.....	61,940
Tons sold to local trade.....	282,963
Tons used at mines.....	256,691
Aggregate value of total product at mines.....	\$7,043,115
Number of fatal accidents.....	24
Number of non-fatal accidents.....	79
Number of employes to each fatal accident.....	389
Number of employes to each non-fatal accident.....	118
Tons of coal produced to each fatal accident.....	339,383
Tons of coal produced to each non-fatal accident.....	103,104

Tons of coal produced to each miner employed.....	1,266
Tons of coal produced to all employes.....	869
Ratio of fatal accidents per 1,000 persons employed.....	2.6
Average number of days at shipping mines.....	182
Number of mines using machines.....	31
Number of machines in use.....	361
Tons of coal mined by hand.....	3,535,192
Tons of coal cut by machines.....	4,610,008

Coal production by counties, with the increase for the year ended June 30, 1906, and June 30, 1907, is shown in the following table:

COUNTIES.	TOTAL OUTPUT IN TONS		Increase.
	1906.	1907.	
Bond	130,521	136,967	6,446
Madison.....	3,031,553	3,573,163	541,610
St. Clair.....	4,168,019	4,435,070	267,051
Total.....	7,330,093	8,145,200	815,107
Net increase.....		815,107	

The district shows a net gain of 815,107 tons, which is largely due to mines Nos. 1 and 2 of the Mt. Olive and Staunton Coal Companies at Staunton and mine No. 17 of the Consolidated Coal Company at Collinsville. This is a large increase when taken into consideration that 75 per cent of the mines in St. Clair county only worked three-fourths time, as shown by the tables of daily output.

ABANDONED MINES.

The Consolidated Coal Company of St. Louis, Mo., have abandoned the Abbey No. 3 mine and the Heintz Bluff mine, both at Collinsville. The Madison Coal Corporation of St. Louis, Mo., abandoned its No. 7 mine at Ogles Station April 1, 1907. The Dutch Hill Coal Company of New Athens has abandoned its mine at that point. These mines were all of the shipping class of mines. The local mines of John Marshall at Caseyville, John Harst at Belleville and Richard Grossman at Millstadt, all in St. Clair county, have been abandoned.

IMPROVEMENTS.

The St. Louis and O'Fallon Coal Company of East St. Louis has made great improvements at its Nos. 1 and 2 mines, on the line of the St. Louis & O'Fallon Railway, near French Village. At their No. 1 mine a new steel tower has been erected, the steam power increased, the hauling roads in the mine graded and heavy T rails laid, with a view of putting in motors. At No. 2 mine the hauling roads in the mine have been graded and large quantities of slate taken down. Heavy T rails have been laid, with a view of also employing motors in this mine. The Donk Bros. Coal and Coke Company of St. Louis, Mo., have made extensive improvements at their No. 2 mine at Marysville, Madison county. Two new boilers, each 150 horse power, and a generator of 200 K. W. have been installed. Two thirteen-ton motors have been installed. The tracks in the mine have been graded, the bottom taken up and the slate taken down and the tracks laid with forty pound T rails. A separate traveling way for the employes has been constructed, separated from the motor roads; also proper passages, so that all the caging will be done on one side of the shaft.

The Pocahontas Mining Company, Pocahontas, Bond county, has finished the escapement and air shaft to its mine during the year. The work has been well done and includes a suitable stairway. A cage will be kept at

the air shaft to be used at any time for repairs. A very substantial tower has been erected at the hoisting shaft with shaking screens and dump cages. Two new boilers have been installed, each 150 horse power. A Norwalk compressor and five mining machines have been installed. The hoisting engines are double, first motion, 22 by 36 inches. The engine, boiler and compressor houses are built very substantial and are intended to be fire proof.

Electric motor haulage has been introduced into the New Staunton Coal Company's mine, Livingston, Madison county, during the year.

The Lumaghi Coal Company of Collinsville, Madison county, has made great improvements in its No. 2 and No. 3 mines, grading the underground haulage roads with the intention of putting in motor haulage.

COAL WASHING PLANTS.

The DeCamp Coal Company of St. Louis, Mo., has built a new washery at its mine near Staunton. The capacity will be about 200 tons an hour.

The Southern Coal and Mining Company of St. Louis, Mo., has built a new washery on the main line of the Southern Railroad, near Coulterville station, in St. Clair county. There are now four coal washing plants in Madison county, as follows: Donk Bros. Coal and Coke Company, No. 1 mine, Donkville; Lumaghi Coal Company, Collinsville; Madison Coal Corporation, No. 2 mine, Glen Carbon, and the DeCamp Coal Mining Company, Staunton. There are two in St. Clair county, one at the Consolidated Coal Company's No. 17 mine, Collinsville, and one on the Southern Railroad at the mine of the Southern Coal and Mining Company at Belleville. In the southern part of East St. Louis there is a large coal washing plant in operation. It is owned by the Bessemore Washed Coal Company. Large quantities of fine coal are shipped from Madison and St. Clair counties to this washery. This company buys the slack or screenings from the various small mines and wash it for the St. Louis market. The consumption of washed coal is largely on the increase.

CHANGE OF CORPORATE NAME.

The Humboldt Coal Company, Belleville, will be known hereafter as the Swansea Coal and Mining Company. The Hartman Coal Company will be known as the White & Nesbit Coal Company. The Ruby mine, near Caseyville, which was not in operation last year, has been operated about half time this year by the Cludy-Miller Coal Company of St. Louis, Mo.. The Southern Coal and Mining Company's No. 2 mine, Belleville, has not been operated during the year, owing to a large fire in the underground workings. Both shafts had to be sealed up. Whenever it is found that the fire is out the mine will be put in operation.

NEW MINES.

Only one shipping mine has been opened in the district during the year. A company known as The French Village Coal Company has sunk a shaft near the line of the Louisville & Nashville Railroad and the St. Louis & O'Fallon road, near French Village, St. Clair county. Only a small quantity of coal has been taken out up to June 30, 1907.

The coal business has been very dull since April 1, 1907, particularly in St. Clair county. A number of mines have been closed down, namely: The Southern Coal and Mining Company closed down its mines, Nos. 1, 3, 4, 5 and 6, April 1, 1907. These mines are yet closed. The Valley Coal Company, Summitt Coal Company, Royal Coal Company, Ruby Coal Company and the Advance Coal Company, all in St. Clair county. However, they expect to start up again September 1, 1907. The Edwardsville Coal Company's mine at Edwardsville, Madison county, has not been in operation since April 1, 1907, but this company will put the mine in operation again September 1, 1907.

A number of mines in both St. Clair and Madison counties have only worked one or two days a week. The Beatty Coal Company of Shiloh Valley, near Mascoutah, St. Clair county, has been in operation this year with a slight output. This mine was not in operation last year. Also the Ruby mine near Caseyville has been in operation during the year, but was not operated last year. The mine of the Madison Coal Corporation, No. 7, is not reported abandoned in the tables. The company operated the mine until March 1, 1907, hence they are reported as operating. However, everything around the mine has been dismantled.

MINE FIRES.

In February the tower, slack bins, screens and out housings of the Royal Coal and Mining Company's mine near Belleville were destroyed by fire. Since then everything has been rebuilt. However, the mine has done very little work since. The cause of this fire is not known.

The fan house at the Superior Coal Company's mine, Belleville, was destroyed by fire in May, but has been rebuilt. The fan is run by an electric motor. The power is obtained from the St. Louis & Belleville electric road at a very high voltage. It was supposed this fire was caused by the electric wires.

The following is a detailed account of the fatal accidents which have occurred in the district during the year:

August 8, 1906, John Gudderson, driver, aged 24 years, single, was found dead under a loaded trip of cars in the Lumaghi Coal Company's No. 2 mine, Collinsville, Madison county.

September 11, 1906, Peter Ecketa, miner, aged 22 years, single, was badly injured by falling slate at the face of his working room, from which he died two hours afterwards. The accident occurred in the No. 2 mine of the Mt. Olive and Staunton Coal Company, Williamson, Madison county.

September 28, 1906, John Loose, driver, aged 20 years, single, was killed by being caught between a mine car and the coal rib in the New Staunton Coal Company's mine, Livingston, Madison county. It was supposed that he was leaning over the side of an empty car in which he was riding to put a sprag in one of the wheels.

October 20, 1906, Wesley Lamb, trackman, aged 20 years, single, was killed in the Kerns Donnewald Coal Company's mine at Worden, Madison county. Deceased was struck by a mine car on which was T rails. He switched his working truck into a room switch, but did not put the truck in far enough. A driver passing with an empty trip struck the rails and the car, which caught Lamb, killing him.

October 23, 1906, Charles Horton, miner, aged 30 years, married, was killed by falling slate at the working face in the New Staunton Coal Company's mine, Livingston, Madison county. He leaves a widow and one child.

November 1, 1906, John Murry, miner, aged 19 years, single, was killed by falling clod near the working face in the Donk Bros. Coal and Coke Company's No. 1 mine, Donkville, Madison county.

November 5, 1906, Albert Herman, miner, aged 18 years, single, was killed by falling clod at his working face in the St. Louis and O'Fallon Coal Company's No. 1 mine, Nigger Hollow, St. Clair county.

November 24, 1906, Robert McKaw, machine helper, aged 23 years, single, was killed by falling coal in the Breese Trenton Coal Company's mine, two miles west of Trenton, St. Clair county. He was shoveling from the machine when the coal fell on him.

December 22, 1906, Anton McKrosky, miner, aged 29 years, married, was killed by falling slate in the Madison Coal Corporation mine No. 4, Glen Carbon, Madison county. He leaves a widow and two children.

January 12, 1907, Natal Mental, miner, aged 19 years, single, was killed, being struck by a crowbar, in the Prairie Coal Company's mine near O'Fallon, St. Clair county. He was taking down top coal with the bar when it slipped, striking him. He was injured internally and died from the effects January 16.

January 19, 1907, Joseph Forsyth, miner, aged 39 years, single, was killed by falling slate in the Prairie Coal Company's mine near O'Fallon, St. Clair county. The slate fell at the working face.

January 26, 1907, Anton Tournelle, machine helper, aged 35 years, married, was killed by falling slate in the St. Louis and O'Fallon Coal Company's No. 2 mine, Nigger Hollow, St. Clair county. The slate fell at the working face. He leaves a widow and four children.

January 29, 1907, Sam Graham, miner, aged 51 years, was fatally injured by falling slate at the working face. He died February 9. Deceased was working in the mine of the New Staunton Coal Company, Livingston, Madison county. He leaves a widow and four children.

February 9, 1907, John Triskey, mine manager, aged 56 years, married, was killed by falling rock near the working face of a room in the Home Trade Coal Company's mine, Edwardsville, Madison county. He was in the act of examining the room as to its safety for men to work at the time when the rock fell. He was sounding the roof with a pick. He leaves a widow.

February 15, 1907, Ed. Crabtree, miner, aged 21 years, married, was killed by falling clod at the working face in the Kerns-Donnewald Coal Company's mine, Worden, Madison county. He leaves a widow.

March 4, 1907, Phil Hunsinger, miner, aged 47 years, married, was killed by falling slate at the working face in the Mt. Olive and Staunton Coal Company's No. 1 mine near Staunton, Madison county. He leaves a widow and five children.

April 18, 1907, Charles Cromer, driver, aged 33 years, married, was killed in the Boarders Coal Company's No. 1 mine, Marissa, St. Clair county. He was in the act of unhitching his mule from a mine car when he fell, the car running on to him. He leaves a widow and two children.

April 23, 1907, Alfred Coapley, miner, aged 38 years, single, was killed by falling slate at the working face in the Donk Bros. Coal and Coke Company's No. 3 mine, Troy, Madison county.

May 4, 1907, John Seibert, shot firer, aged 50 years, married, was fatally injured by flying coal from a shot. He died from the injuries received June 13, 1907. Deceased was employed in the White and Nesbit Coal Company's mine, Belleville, St. Clair county. Seibert was in the act of going back to a shot which he supposed had missed fire when the shot exploded, with the result as stated. He leaves a widow and five children.

May 28, 1907, James Gussach, miner, aged 47 years, married, was fatally injured by being struck by a crowbar, from which he died June 1, 1907. Deceased was in the act of taking down top coal when the bar swung around, striking him and injuring him internally. He was employed in the Mt. Olive and Staunton Coal Company's No. 1 mine near Staunton, Madison county. He leaves a widow and four children.

May 28, 1907, Herman Tewess, miner, aged 26 years, single, was fatally injured by falling rock at the working face, from which he died June 29, 1907. Deceased was employed in the Hibbard Coal Company's No. 2 mine, Belleville, St. Clair county.

June 21, 1907, George Wepstitus, machine runner, aged 36 years, single, was fatally injured by falling slate at the working face in the Lumaghi Coal Company's No. 2 mine, Collinsville, Madison county. He died July 7, 1907.

June 21, 1907, Ernest Lah, machine helper, aged 32 years, married, was killed by falling coal at the working face in the New Staunton Coal Company's mine, Livingston, Madison county. He leaves a widow and two children.

June 24, 1907, Henry H. Hacker, miner, aged 54 years, widower, was killed by falling slate in the Boarders Coal Company's No. 1 mine, Marissa, St. Clair county. He was working alone and it was supposed that he was taking down top coal when the slate fell.

Following will be found the tables for each county, also the tables for fatal and non-fatal accidents.

Respectfully submitted,

WALTON RUTLEDGE,

State Inspector of Mines, Eighth District, Alton, Ill.

Fatal Casualties—Eighth District—July 1, 1907.

Date.	Name.	Age.	Occupation.	Residence. (Town)	Married.	Widows.	Children. Single.	Persons dependent.	Cause of Accident.
1906									
Aug. 8	John Gudderson	24	Driver	Collinsville			1		Pit cars
Sept. 11	Peter Ecketa	22	Miner	Staunton			1		Falling slate
28	John Loose	20	Driver	do.			1		Pit car
Oct. 20	Wesley Lamb	20	Track man	Worden			1		do.
23	Chas. Horton	30	Miner	Livingston	1	1	1	2	Falling clod.
Nov. 1	John Murry	19	do.	Collinsville			1		do.
5	Albert Herman	18	do.	Belleville			1		do.
24	Robt. McKaw	23	Mch. helper	Trenton	1	1	1		Falling coal
Dec. 22	Anton McKrosky	29	Miner	Glen Carbon	1	1	2	3	Falling slate
1907									
Jan. 12	Natal Mental	19	do.	Dutch Hollow			1		Struck by crowbar
19	Joseph Forsyth	39	do.	Belleville			1		Falling slate
26	Anton Fournelle	35	Mch. helper	do.	1	1	4	5	Falling coal
29	Sam Graham	51	Miner	Staunton	1	1	4	5	Falling slate
Feb. 9	John Triskey	56	Mine manager	Edwardsville	1	1		1	Falling rock
15	Ed. Crabtree	21	Miner	Worden	1	1		1	Falling clod
Mch. 4	Phil Hunsinger	47	do.	Staunton	1	1	5	6	Falling slate
April 18	Chas. Cromer	33	Driver	Marissa	1	1	2	3	Pit car
23	Alfred Coapley	38	Miner	Troy			1		Falling slate
May 4	John Seibert	50	Shot firer	Belleville	1	1	5	6	Flying coal
28	James Gussach	47	Miner	Staunton	1	1	4	5	Struck by crowbar
28	Herman Tewess	26	do.	Belleville			1		Falling rock
June 21	Geo. Wepstitus	36	Mch. runner	Collinsville			1		Falling slate
21	Ernest Lah	32	Mch. helper	Livingston	1	1	2	3	Falling coal
24	Henry H. Hacker	54	Miner	Marissa			1		Falling slate
	Totals				11	11	29	40	

Recapitulation of Fatal Casualties—Eighth District—1907.

Residence.	No.	Occupation.	No.	Nature of Casualty.	No.	Colliery.	No.
Belleville	5	Drivers	3	Falling clod	4	Boarders Coal Co	2
Collinsville	3	Mch. helpers	3	Falling coal	3	Breese-Trenton Coal Co.	1
Dutch Hollow	1	Mch. runner	1	Falling rock	2	Donk Bros	2
Edwardsville	1	Mine manager	1	Falling slate	8	Hibbard Coal Co	1
Glen Carbon	1	Miners	14	Flying coal	1	Home Trade Coal Co.	1
Livingston	2	Shot firer	1	Pit cars	4	Kerns-Donnewald Coal Co.	2
Marissa	2	Track man	1	Struck by crowbar	2	Lumaghi Coal Co	2
Staunton	5					Madison Coal Co.	1
Trenton	1					Mt. Olive & Staunton C. Co.	3
Troy	1					New Staunton Coal Co.	4
Worden	2					Prairie State Coal Co.	2
						St. Louis & O'Fallon C. Co.	2
						White & Nesbit Coal Co.	1
Totals	24		24		24		24

Non-Fatal Casualties—Eighth District—July 1, 1907.

Date.	Name.	Age.	Residence. (Town)	Married.	Single.	Children.	No. persons dependent.	Character of Injury and Cause of Accident.	Time lost— days.
1906									
July 9	Frank Saroka.....	41	Glen Carbon.....	1		3	4	Head and back bruised, falling coal.	30
11	Wm. Vovra.....	39	Edwardsville.....	1		3	4	Leg broken, falling clod.	60
19	Paul Fisher.....	19	Collinsville.....		1			Hand bruised, pit car.	90
19	Serillo Delmas.....	37	Glen Carbon.....	1		2	3	Leg injured, falling prop.	35
26	L. Donna.....	28	Maryville.....		1			Body bruised, pit car.	35
31	E. Bay.....	17	Collinsville.....		1			Body bruised, falling slate.	50
Aug. 1	Wm. Berry.....	21	Staunton.....		1			Leg broken, pit car.	62
6	E. Pfanti.....	31	Livingston.....		1			Arm broken, falling cross bar.	60
21	Jacob Davidson.....	35	Belleville.....	1		3	4	Arm fractured, falling slate.	42
28	Joseph Church.....	50	Marissa.....		1		1	Shoulder dislocated, falling coal	35
28	Henry Green.....	30	do.....		1			Ankle fractured, flying coal.	40
Sept. 8	Clarence Smith.....	23	Belleville.....		1			Shoulder fractured, pit car.	36
11	Thos. Moss Jr.....	32	Livingston.....	1		2	3	Body bruised, pit car.	90
12	Jos. Perkins.....	30	Maryville.....		1			Hand bruised, falling coal.	90
12	Autum Fenoglio.....	32	Donkville.....	1		1	2	Arm broken, pit car.	100
17	Andy Rapis.....	19	Williamson.....		1			Leg broken, pit car.	120
22	Chas. Dolzedillo.....	48	Belleville.....	1		4	5	Body bruised, falling slate.	62
24	A. Strups.....	21	Edwardsville.....		1			Head bruised, kicked by mule.	*
Oct. 3	Louis Boswell.....	23	Belleville.....		1			Body bruised, pit car.	90
3	Oswald Bernard.....	27	Worden.....		1			Leg broken, falling slate.	*
9	Jos. Trator.....	26	Williamson.....	1		1	2	Foot mashed, machine.	120
9	Jos. Schneider.....	43	Belleville.....	1		4	5	Leg broken, falling coal.	95
10	Emil Puceppi.....	36	Glen Carbon.....		1			Foot bruised, falling prop.	48
27	Jos. Gwade.....	24	Edwardsville.....	1		1	2	Head bruised, falling slate.	32
27	Robert Miller.....	17	French Village.....		1			Leg bruised, pit car.	45
29	E. Kelska.....	35	Troy.....		1			Head bruised, with pick.	40
Nov. 1	Lee Anderson.....	19	Freeburg.....		1			Foot bruised, pit car.	45
5	John Osolum.....	21	Collinsville.....		1			Body bruised, falling slate.	60
7	Jos. Garvando.....	37	do.....		1			Body bruised, falling coal.	40
19	Wm. Frangin.....	21	Troy.....		1			Leg bruised, falling slate.	42
22	Ed Nold.....	36	Freeburg.....	1		4	5	Hands and face burned, powder explosion.	50
22	Adam Schoen.....	39	do.....		1	6	7	do.	65
23	Mich Schear.....	66	do.....		1	7	8	Leg fractured, falling slate.	90
24	Geo. Stevenson.....	24	Belleville.....		1			Body bruised, pit car.	60
Dec. 4	Jacob Gabel.....	27	Swansee.....		1	2	3	Body bruised, flying coal.	65
12	F. Vinbrenkens.....	27	Troy.....		1		1	Foot bruised, falling slate.	42
13	Ed. Misker.....	24	Maryville.....		1			Foot bruised, pit car.	60
18	Geo. Reay.....	40	Livingston.....		1			do.	62
20	Peter Rub.....	23	Belleville.....		1			Body bruised, falling coal.	40
25	Paul Fisher.....	17	Collinsville.....		1			Foot bruised, picks.	30
29	S. Kassallke.....	24	Livingston.....		1			Toes (4) cut off, falling slate.	65
29	Ed Dinkleman.....	22	Belleville.....	1		2	3	Foot bruised, pit car.	40
1907									
Jan. 7	James Frazy.....	34	Belleville.....	1		1	2	Leg bruised, falling slate.	40
11	Chas. Bahne.....	30	Glen Carbon.....	1			1	do.	36
12	Otto Jullian.....	26	Williamson.....		1			Hip dislocated, falling slate.	180
14	Wm. Sutton.....	19	Dutch Hollow.....		1			Leg bruised, pit car.	34
19	Peter Navaro.....	37	Collinsville.....	1		3	4	Leg broken, falling coal.	60
26	Wm. Gray.....	18	Belleville.....		1			Foot bruised, pit car.	34
Feb. 14	Wm. Boorman.....	51	Worden.....	1		6	7	Back injured, falling coal.	120
16	Ed Batzels.....	33	Belleville.....	1		2	3	Leg fractured, falling slate.	40
22	James Hughes.....	25	French Village.....		1		1	Hips bruised, pit car.	35
22	George Elvis.....	20	Collinsville.....		1			Eye put out, air receiver	*
22	Thomas McGuire.....	43	do.....	1		5	6	bursting	*
23	Frank Riddle.....	32	Belleville.....	1		1	2	Body and face burned, air receiver bursting.	*
27	Joseph Needles.....	30	Collinsville.....	1		1	2	Foot bruised, falling slate.	60
Mar. 6	C. Massa.....	35	Maryville.....	1		1	2	Eyes injured, premature blast.	*
8	T. Roather.....	45	Troy.....	1		6	7	Foot bruised, falling slate.	42
26	Don Marchando.....	47	Collinsville.....	1		3	4	do.	66
28	Chas. Heck.....	54	Glen Carbon.....	1		7	8	Foot bruised, pit car.	42

Non-Fatal Casualties—Eighth District—Concluded.

Date.	Name.	Age.	Residence. (Town)	Married. Single.	Children.	No. persons dependent.	Character of Injury and Cause of Accident.	Time lost days.
1907								
April 9	Joe Vanette.....	28	Livingston.....	1	1		Arm broken, falling slate...	60
10	R. Harris.....	21	Troy.....	1	1		Head injured, falling coal....	38
19	Voka Barlon.....	31	Collinsville.....	1	1	1	Foot bruised, machine.....	60
20	Wm. Klinghagen.....	48	Belleville.....	1	4	5	Arm fractured, falling coal..	40
20	Pab Schnoble.....	25	Maryville.....	1	1		Foot bruised, pit car.....	42
25	Matt Able.....	29	Livingston.....	1	1	2	Collar bone broken, pit car..	48
25	Ed Andridge.....	35	do.....	1	1		Collar bone broken, falling	
27	T. Anohaur.....	45	Troy.....	1	4	5	slate.....	45
30	Geo. Robertson.....	40	Maryville.....	1	2	3	Body bruised, pit car.....	60
May 1	C. Alexander.....	21	Livingston.....	1	1		Leg bruised, cage.....	35
4	Phillip Jansen.....	37	Belleville.....	1	1		Foot bruised, pit car.....	32
14	John Samawerson.....	36	Maryville.....	1	2	3	Eyes and head injured, fly-	
							ing coal.....	*
23	Stev. Switala.....	27	Belleville.....	1	1		Foot bruised, pit car.....	*
23	Wm. Best.....	27	Worden.....	1	1		Leg broken, falling slate....	*
June 18	Walter Walz.....	22	Belleville.....	1	1		Body burned, powder explo-	
							sion.....	32
18	Oscar Nast.....	21	Freeburg.....	1	1		Hip dislocated, flying coal..	*
19	J. T. Kluge.....	41	Collinsville.....	1	2	3	Head bruised, falling coal....	*
22	John Nulman.....	39	Edgemont.....	1	1		Arm bruised, falling coal....	*
		42					Back and arm injured, flying	
							coal.....	*
22	Peter Offerman.....		do.....	1	3	4	Back injured, flying coal....	*
22	John Webster.....	28	Staunton.....	1	1	1	Foot bruised, falling coal....	*
	Totals.....			40	39	99	139	

*Not recovered July 1, 1907.

Total number of men injured.....	79
Not recovered July 1, 1907.....	14
Number recovered July 1, 1907.....	65
Time lost by men recovered, days.....	3,648
Average days lost by men recovered.....	56.12

Recapitulation of Non-Fatal Casualties—Eighth District—1907.

Residence.	No.	Occupation.	No.	Cause of Accident.	No.	Colliery.	No.
Belleville	15	Cagers	2	Bursting air receiv-	2	Borders Coal Co	1
Collinsville	13	Drivers	21	ers	2	Consolidated Coal Co	1
Donkville	1	Loaders	2	Cage	1	DeCamp Coal Co	3
Dutch Hollow	1	Machine help-		Falling clod	1	Donk Bros. Coal Co	17
Edgemont	2	ers	3	Falling coal	13	Edwardsville Coal Co	1
Edwardsville	3	Machine run-		Falling cross bar ...	1	Fullerton Coal Co	4
Freeburg	5	ners	2	Falling prop	2	Glendale Coal Co	1
French Village	2	Miners	37	Falling slate	21	Henrietta Coal Co	1
Glen Carbon	5	Pick boy	1	Flying coal	6	Highland Coal Co	1
Livingston	8	Shot firers	6	Kicked by mule	1	Interstate Coal Co	1
Marissa	2	Spraggers	2	Machine	2	Jones Bros	1
Maryville	7	Trackmen	2	Pick	2	Kerno-Donnewald Coal Co ..	1
Staunton	2	Trapper	1	Pit cars	23	Lumaghi Coal Co	10
Swansea	1			Powder explosion ..	3	Madison Coal Co	5
Troy	6			Premature blast	1	Mt. Olive & Staunton C. Co	3
Williamson	3					Mulberry Hill Coal Co	3
Worden	3					New Staunton Coal Co	8
						Pittsburg Coal Co	1
						Prairie Coal Co	1
						Royal Coal Co	2
						Southern Coal Co	2
						St. Louis & O'Fallon C. Co	8
						Sunlight Coal Co	1
						Superior Coal Co	1
						White, J. Coal Co	1
Totals	79		79		79		79

Table Showing the Nature of Injuries, Number of Persons Injured, Dependents, Time Lost, with Averages and Percentages.

NATURE OF INJURIES.	Number.	Married.	Single.	Dependents.	TIME LOST.		Per cent of injuries.
					Total days.	Average days.	
Ankle fractured.....	1		1		40	40.00	1.27
Arm and back injured.....	1		1				1.27
Arms broken.....	3	1	2	2	220	73.33	3.79
Arm bruised.....	1	1		3			1.27
Arms fractured.....	2	2		9	82	41.00	2.53
Backs injured.....	2	2		11	120	120.00	2.53
Body and face burned.....	1	1		6			1.27
Bodies bruised.....	12	5	7	18	688	57.33	15.19
Body burned.....	1		1		32	32.00	1.27
Collar bones broken.....	2	1	1	2	93	46.50	2.53
Eyes and head injured.....	1		1				1.27
Eye injured.....	1	1		2			1.27
Eye put out.....	1		1				1.27
Feet injured.....	18	10	8	32	796	49.75	22.77
Hands and face burned.....	2	2		12	115	57.50	2.53
Hands bruised.....	2		2		180	90.00	2.53
Head and back bruised.....	1	1		4	30	30.00	1.27
Heads injured.....	5	2	3	3	107	35.67	6.33
Hips dislocated.....	2		2		180	180.00	2.53
Hip bruised.....	1	1		1	35	35.00	1.27
Legs broken.....	7	3	4	13	397	79.40	8.86
Legs fractured.....	2	2		11	130	65.00	2.53
Legs injured.....	7	4	3	9	267	38.14	8.86
Shoulder dislocated.....	1	1		1	35	35.00	1.27
Shoulder fractured.....	1		1		36	36.00	1.27
Toes cut off.....	1		1		65	95.00	1.27
Totals, averages and percentages...	79	40	39	139	3,648	56.12	100.00

Bond County—Eighth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Illinois Collieries Co., No. 6.....	Sorento	16,216	68,071	.....	318	35,019
2	Pocahontas Mining Co.....	Pocahontas ...	4,000	9,582	.....	.....	3,000
Totals			20,216	77,653	.....	318	38,019

Mines reported for 1906, 2.

Mines in 1907, 2.

Bond County--Eighth District 1907--Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
377	120,001	\$113,407	112,884	.....	3,133	3,984	168	120,001	120	76	196	1
384	16,966	23,345	12,033	.....	2,733	2,200	241	4,094	15	28	43	3
761	136,967	\$136,752	124,917	.....	5,866	6,184	205	124,095	135	104	239	

Madison County—Eighth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Mount Olive & Staunton C. C., No. 2	Staunton.....	276,368	108,608	36,358	21,041	2,620
2	New Staunton Coal Co.....	Livingston.....	87,541	173,032	48,958	7,245	64,570
3	Donk Bros. Coal & Coke Co., No. 2.	Maryville.....	59,550	204,967	26,871	.....	116,195
4	Mount Olive & Staunton C. C., No. 1	Staunton.....	10,482	229,344	.....	42,528	20,223
5	Donk Bros. Coal & Coke Co., No. 1..	Donkville.....	40,335	136,759	30,984	.....	122,295
6	Lumaghi Coal Co., No. 2.....	Collinsville.....	1,585	118,574	42,800	13,434	61,559
7	Donk Bros. Coal & Coke Co., No. 3..	Troy.....	7,731	132,792	11,599	4,711	83,871
8	Madison Coal Corporation, No. 4.....	Glen Carbon ..	1,270	124,688	10,556	2,578	68,279
9	Madison Coal Corporation, No. 2.....	do.....	.....	128,855	.....	1,311	71,368
10	DeCamp Coal & Mining Co.....	Staunton.....	84,268	52,988	124	543	27,410
11	Lumaghi Coal Co., No. 3.....	Collinsville.....	3,864	56,213	28,821	3,030	34,701
12	Kerns-Donnewald Coal Co.....	Worden.....	57,980	32,608	.....	7,554	9,187
13	Edwardsville Coal Co.....	Edwardsville.....	746	49,615	190	.....	13,859
14	Henrietta Coal Co.....	do.....	10,138	23,316	2,820	1,405	12,241
15	Interstate Coal & Mining Co.....	Worden.....	.....	18,718	.....	7,525	8,420
16	Brookside Coal Co.....	Troy.....	4,368	19,321	236	582	6,176
Totals			646,221	1,610,398	240,317	113,487	722,974
LOCAL MINES.							
1	Home Trade Coal Co.....	Edwardsville ..	14,948				
2	Abbey Coal & Mining Co.....	Collinsville ..	8,368				
3	Bullock Bros. Coal Co.....	do.....	5,690				
4	Meif Bros.....	New Douglas ..	3,046				
5	Perry Meyer.....	Bethalto.....	2,020				
6	Geo. Kable.....	Moro.....	1,768				
7	Ben Eccles.....	North Alton ..	1,600				
8	Herbert Farrell.....	do.....	1,350				
9	Sam McDonald.....	Bethalto.....	1,200				
10	Wm. F. Backs.....	Carpenter.....	1,013				
11	Theo. Schueler.....	Worden.....	985				
12	Ernest H. Rink ..	Fosterburg.....	804				
13	Peter Sydel.....	North Alton ..	769				
14	John Spencer.....	Bethalto.....	725				
15	Stoneware Pipe Co.....	East Alton.....	720				
16	Jas. Hill.....	Bethalto.....	492				
17	John Richardson.....	Moro.....	370				
18	F. R. Fredricks.....	Upper Alton.....	95				
Totals			45,963				
Totals—34 mines.....			692,184	1,610,398	240,317	113,487	722,974

Mines reported for 1906, 36.

New mines, 1.

Abandoned mines,

Mines in 1907, 34.

Madison County - Eighth District—1907—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.				
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.		
65,057	510,052	454,954	502,466	.....	1,078	6,508	233	✓	246	156	402	✓	
30,884	412,230	371,743	404,906	18	1,771	5,532	221	✓	500	236	89	326	✓
	407,583	346,335	398,116	73	1,663	7,731	214	✓	233	160	393	3	
67,579	370,156	350,065	354,748	6,969	2,524	5,915	230	✓	215	115	340	4	
	330,373	265,448	318,836	1,983	932	8,622	191	✓	330,373	350	140	490	5
11,898	249,850	203,475	237,952	.....	.....	11,898	220	✓	232	143	375	6	
	240,704	253,801	230,831	580	3,431	5,862	204	✓	240,704	250	120	370	7
1,254	203,625	186,290	199,839	1,270	.....	7,516	166	✓	62,559	165	67	232	8
1,103	202,637	178,673	191,548	.....	3,197	7,892	159	✓	28,950	150	70	220	9
	165,328	152,244	162,330	.....	.....	2,998	202	✓	16,534	100	73	173	10
6,332	132,961	109,883	126,629	.....	.....	6,332	236	✓	.....	85	60	145	11
	107,329	115,833	102,434	.....	2,941	1,954	180	✓	.....	50	28	78	12
7,349	71,759	66,463	56,286	.....	8,413	7,060	102	✓	.....	65	19	84	13
177	50,097	45,598	36,550	.....	10,420	3,127	141	✓	2,367	44	36	80	14
	34,663	31,008	33,463	.....	.....	1,200	195	✓	.....	00	33	93	15
2,170	32,853	41,759	25,466	.....	5,217	2,170	220	✓	32,853	25	21	46	16
193,803	3,527,200	\$3,173,572	3,382,400	10,893	41,590	92,317	200	✓	714,850	2,507	1,340	3,847	✓
	14,948	\$18,685	.....	.....	14,948	.....	270	✓	14,948	26	3	29	1
	8,368	10,460	.....	.....	8,368	.....	280	✓	8,368	9	6	15	2
	5,690	7,113	.....	.....	5,690	.....	282	✓	5,690	8	3	11	3
	3,046	3,808	.....	.....	3,046	.....	229	✓	3,046	5	3	8	4
	2,020	3,031	.....	.....	2,020	.....	290	✓	2,020	6	1	7	5
	1,768	2,652	.....	.....	1,768	.....	161	✓	1,768	5	1	6	6
	1,600	3,200	.....	.....	1,600	.....	200	✓	1,600	4	1	5	7
	1,350	2,700	.....	.....	1,350	.....	185	✓	1,350	3	1	4	8
	1,200	1,800	.....	.....	1,200	.....	126	✓	1,200	4	1	5	9
	1,013	1,520	.....	.....	1,013	.....	120	✓	1,013	4	1	5	10
	985	1,478	.....	.....	985	.....	162	✓	985	4	1	5	11
	804	1,206	.....	.....	804	.....	75	✓	804	4	1	5	12
	769	1,538	.....	.....	769	.....	190	✓	769	4	1	5	13
	725	1,088	.....	.....	725	.....	157	✓	725	4	1	5	14
	720	1,080	.....	.....	720	.....	190	✓	720	3	1	4	15
	492	738	.....	.....	492	.....	120	✓	492	5	1	6	16
	370	555	.....	.....	370	.....	150	✓	370	3	1	4	17
	95	190	.....	.....	95	.....	40	✓	95	2	1	3	18
	45,963	\$62,842	.....	.....	45,963	.....	179	✓	45,963	103	29	143	✓
193,803	3,573,163	\$3,236,414	3,382,400	10,893	87,553	92,317	.....	✓	760,813	2,610	1,369	3,979	✓

St. Clair County—Eighth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE				
			Mine run.	Lump.	E.g.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Consolidated Coal Co., No. 17	Collinsville	122,303	186,723			129,150
2	St. Louis & O'Fallon Coal Co., No. 2	French Village	99,733	102,460		8,937	32,752
3	St. Louis & O'Fallon Coal Co., No. 1	do.	151,858	57,591			29,219
4	Southern Coal & Mining Co., No. 8	Belleville	71,961	57,829	9,515	11,224	45,960
5	Superior Coal & Mining Co.	do.	16,540	118,890	409	6,040	53,405
6	Prairie Coal Co.	do.		106,325			59,809
7	Joe Taylor Coal Co., St. Ellens	O'Fallon		90,055		17,280	57,220
8	Joe Taylor Coal Co., Mentor	do.		99,800		9,000	37,500
9	Suburban Coal & Mining Co.	Belleville	16,381	66,242		98,276	19,097
10	Joe Taylor Coal Co., Taylor mine	O'Fallon	10,500	60,000			30,000
11	Southern Coal & Mining Co., No. 7	Belleville	42,876	44,534		2,746	14,559
12	Breese-Trenton Coal Co.	Trenton		59,078	7,000	8,760	9,850
13	International Coal & Min. Co., No. 1	Carbon	1,000	68,982		12,639	12,610
14	Borders Coal Co., No. 1	Marissa	3,500	62,708	800	10,237	8,375
15	Consolidated Coal Co., Green Mount	Collinsville	88,947	2,106			537
16	Fullerton Coal & Mining Co.	Belleville	40,000	28,000			16,000
17	Kolb Coal Co., No. 1	Mascoutah	25,844	36,578		6,096	6,096
18	Borders Coal Co., No. 2	Marissa	2,360	46,405	2,510	6,122	7,652
19	Royal Coal & Mining Co.	Belleville	6,016	54,152			15,042
20	Southern Coal & Mining Co., No. 6	do.	7,514	41,409		7,306	15,384
21	Johnson Coal Co., O-K	Marissa	8,472	36,608	9,943	2,466	8,747
22	Southern Coal & Mining Co., No. 3	Belleville	4,262	41,452		4,750	15,781
23	Glendale Coal & Mining Co.	do.		47,645	836	249	9,255
24	Hippard Coal Co., No. 2	do.	7,051	28,748	4,916		14,436
25	Southern Coal & Mining Co., No. 1	do.	7,625	35,236		1,177	14,092
26	Avery Coal Co., Randle	Freeburg	2,574	35,541	790	2,748	9,834
27	Marissa Coal & Mining Co.	Marissa		39,458			12,294
28	Hippard Coal Co., No. 1	Belleville	862	19,216	18,859		9,945
29	Jones Bros. Coal & Min. Co., Eureka	Marissa	5,423	33,140	1,993	6,701	3,903
30	Missouri & Illinois Coal Co.	Wilderman	892	30,457	156	6,860	8,106
31	Tirri Coal & Mining Co.	Lenzburg	4,887	35,000			6,210
32	Southern Coal & Mining Co., No. 4	Belleville	10,065	21,356			13,154
33	Missouri & Illinois Coal Co., St. Clair	Freeburg	23,335	13,796		4,209	
34	Belleville & O'Fallon Coal Co.	Belleville	4,200	31,792			6,112
35	Oak Ridge Coal Co., Avery, lessee	Marissa	2,514	26,334	1,155	4,850	4,214
36	T. M. Meeks, Coal Co.	Marissa	21,986	14,612			4,175
37	Madison Coal Corporation, No. 7	Ogles	639	27,887			12,306
38	Kolb Coal Co., Vinegar Hill	Mascoutah		30,351			8,876
39	Southern Coal & Mining Co., No. 5	Belleville	33,898	2,670		38	250
40	Summitt Coal & Mining Co.	Birkner	31,627	3,014			1,326
41	Valley Coal & Mining Co.	Mascoutah	5,100	19,983		3,150	6,841
42	Highland Coal Co.	Belleville		25,502		5,076	3,653
43	Missouri & Illinois Coal Co.	Rentchler	15,776	15,207		228	858
44	Johnson Coal Co., Sunlight mine	Freeburg	1,093	22,796	1,464	2,482	4,430
45	Pittsburg Mining Co.	Belleville		24,886		2,009	6,212
46	White & Nesbit Coal Co.	do.	15,700	10,440			2,610
47	Advance C. C., T. H. Westwood lessee	Marissa		19,105			4,658
48	Consolidated C. C., H. Phul lessee	Richland	11,512	10,082			3,360
49	Swansea Coal & Mining Co.	Belleville	2,624	16,014			4,712
50	Mulberry Hill Coal Co.	Freeburg	3,412	13,500		4,340	
51	Silver Creek Coal & Mining Co.	O'Fallon	553	14,580	250	1,156	4,316
52	L. Senior Coal Co.	Belleville	3,738	12,067			4,684
53	Enterprise Coal & Mining Co.	Rentchler	15,700	3,650			550
54	International Coal & Mining Co., No. 2	O'Fallon		5,145	4,620	2,324	1,987
55	Consolidated C. C., I. Johnson lessee	Belleville		11,738			5,280
56	Cluffy-Miller Coal Co., Ruby mine	Caseyville	3,680	7,200		700	4,705
57	Kolb Coal Co., Fairbanks mine	Mascoutah		12,111			4,073
58	Beatty Coal Co., Shiloh Valley	do.	1,313	9,850			1,971
59	Murphy Coal Co.	Belleville	10,320				2,064
60	French Vallage Coal Co.	French Village	204				
Total			968,359	2,198,048	65,216	169,676	830,318

St. Clair County—Eighth District—Continued.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.					Days of active operation.	Tons mined by hand.	EMPLOYEES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.	Average number of miners.			All other employes.	Total.	Number.	
.....	438, 176	\$335, 606	418, 579	.....	.....	19, 597	202	.....	.....	273	116	389	1
75	243, 957	203, 529	238, 387	.....	573	4, 997	169	.....	.....	165	97	262	2
100	238, 768	198, 483	234, 062	2, 840	.....	1, 866	146	238, 768	.....	280	107	387	3
15	196, 504	185, 210	189, 287	.....	77	7, 140	282	.....	.....	107	47	154	4
.....	195, 284	134, 079	192, 859	.....	.....	2, 425	234	8, 658	.....	100	37	137	5
.....	166, 134	116, 626	162, 634	.....	.....	3, 500	227	166, 134	.....	100	31	131	6
.....	164, 555	104, 081	169, 365	.....	.....	3, 240	216	60, 381	.....	110	34	144	7
10, 600	156, 900	109, 405	153, 500	950	600	2, 800	225	156, 900	.....	105	32	137	8
.....	109, 996	83, 587	107, 364	.....	832	1, 800	228	109, 996	.....	80	23	103	9
9, 000	109, 500	72, 750	106, 500	.....	1, 000	2, 000	172	109, 500	.....	80	27	107	10
15	104, 730	105, 741	99, 615	.....	.....	5, 115	182	104, 730	.....	91	22	113	11
13, 774	98, 462	137, 406	89, 612	.....	2, 350	6, 500	195	.....	.....	90	76	166	12
300	95, 561	66, 920	89, 784	.....	377	5, 400	163	95, 561	.....	80	15	95	13
7, 445	93, 065	74, 923	81, 065	.....	10, 000	2, 000	187	93, 065	.....	66	26	92	14
.....	91, 590	68, 845	88, 340	.....	.....	3, 250	248	.....	.....	37	36	73	15
313	84, 313	63, 871	83, 313	.....	300	700	208	84, 313	.....	65	18	83	16
6, 096	80, 710	65, 629	40, 598	24, 444	6, 692	8, 976	190	80, 710	.....	70	24	94	17
11, 479	76, 528	59, 036	73, 028	.....	.....	3, 500	187	.....	.....	54	19	73	18
.....	75, 210	66, 186	71, 450	.....	.....	3, 760	97	8, 524	.....	128	22	150	19
15	71, 628	69, 589	66, 906	68	89	4, 565	102	71, 628	.....	121	42	163	20
200	66, 436	59, 460	64, 236	.....	.....	2, 200	213	66, 436	.....	50	13	63	21
10	66, 255	66, 317	61, 789	.....	39	4, 427	191	.....	.....	48	23	71	22
2, 731	60, 716	47, 342	55, 291	.....	2, 694	2, 731	181	5, 041	.....	46	21	67	23
3, 627	58, 778	40, 202	55, 178	.....	.....	3, 600	225	25, 875	.....	40	25	65	24
10	58, 140	57, 827	53, 798	14	.....	4, 328	123	.....	.....	67	32	99	25
1, 885	53, 372	46, 136	50, 343	.....	1, 144	1, 885	181	53, 372	.....	45	12	57	26
1, 223	52, 975	43, 883	51, 021	.....	731	1, 223	146	52, 975	.....	43	24	67	27
3, 600	52, 482	39, 680	29, 161	18, 859	862	3, 600	244	52, 482	.....	35	16	51	28
1, 294	52, 454	40, 433	49, 376	.....	1, 784	1, 294	170	52, 454	.....	35	16	51	29
3, 274	49, 335	38, 565	45, 861	.....	.....	3, 474	154	49, 335	.....	45	23	68	30
2, 676	48, 762	43, 236	41, 386	.....	4, 876	2, 500	130	48, 762	.....	43	14	57	31
10	44, 585	41, 279	39, 893	.....	1, 539	3, 153	151	44, 585	.....	55	26	81	32
1, 439	42, 779	35, 554	41, 340	.....	80	1, 359	145	42, 779	.....	45	23	68	33
250	42, 354	38, 233	39, 760	.....	2, 242	352	116	42, 354	.....	52	12	64	34
2, 365	41, 444	36, 483	38, 473	606	19	2, 346	156	41, 444	.....	50	19	69	35
595	41, 368	33, 763	40, 719	.....	54	595	192	41, 368	.....	41	11	52	36
25	40, 857	31, 765	38, 945	600	39	1, 273	153	40, 857	.....	37	24	61	37
.....	39, 227	33, 458	38, 227	.....	.....	1, 000	150	39, 227	.....	29	8	37	38
10	36, 866	33, 985	30, 271	1, 124	3, 149	2, 322	207	36, 866	.....	30	11	41	39
.....	35, 967	28, 412	35, 712	.....	45	210	120	35, 967	.....	40	14	54	40
.....	35, 074	26, 175	31, 074	.....	.....	4, 000	140	35, 074	.....	35	10	45	41
.....	34, 231	28, 585	18, 896	969	10, 713	3, 653	230	34, 231	.....	32	7	39	42
1, 395	33, 464	28, 384	31, 919	.....	150	1, 395	75	33, 464	.....	55	27	82	43
1, 197	33, 462	29, 019	31, 905	.....	360	1, 197	176	33, 462	.....	30	10	40	44
.....	33, 107	27, 754	27, 247	.....	5, 160	700	227	33, 107	.....	36	7	43	45
.....	28, 750	27, 182	16, 250	.....	12, 500	.....	250	28, 750	.....	18	6	24	46
1, 585	25, 348	20, 661	20, 863	.....	2, 900	1, 585	204	25, 348	.....	26	9	35	47
.....	24, 954	20, 875	24, 170	.....	4	720	138	24, 954	.....	29	9	38	48
212	23, 562	19, 679	22, 092	.....	1, 220	250	110	23, 562	.....	16	5	21	49
2, 160	23, 412	18, 833	21, 500	.....	1, 412	500	130	23, 412	.....	20	8	28	50
1, 027	21, 882	22, 098	20, 436	.....	420	1, 027	125	.....	.....	26	10	36	51
.....	20, 489	16, 602	17, 639	.....	2, 250	600	149	20, 489	.....	31	9	40	52
424	20, 324	16, 527	19, 850	.....	50	424	132	20, 324	.....	22	9	31	53
3, 000	17, 076	13, 256	13, 770	.....	2, 806	500	59	.....	.....	40	18	58	54
.....	17, 018	14, 965	14, 018	.....	.....	3, 000	131	.....	.....	18	10	28	55
300	16, 586	10, 937	15, 986	.....	100	500	147	16, 586	.....	25	8	36	56
.....	16, 184	13, 538	15, 648	.....	.....	536	130	16, 184	.....	14	4	18	57
.....	13, 134	11, 623	12, 534	.....	.....	600	140	.....	.....	10	4	14	58
.....	12, 384	8, 359	12, 384	.....	.....	198	12, 384	.....	.....	10	4	14	59
.....	204	204	81	.....	123	.....	40	204	.....	2	2	4	60
95, 751	4, 327, 368	\$3, 533, 070	4, 036, 289	51, 047	81, 842	158, 190	176	2, 542, 582	3, 573	1, 394	4, 967		

St. Clair County—Eighth District—Continued.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES.							
1	Frank Sargent.....	Belleville.....	13,481				
2	Tower Grove Coal Co.....	do.....	12,909				
3	August Ebel.....	do.....	12,860				
4	Wm. Lattman.....	do.....	12,000				
5	Bretz & Schilling.....	do.....	8,150				
6	Jas. Taylor.....	do.....	7,720				
7	Coöperative Coal Co.....	New Athens.....	7,700				
8	Jas. Sliment & Son.....	French Village.....	6,007				
9	Wm. Pistor.....	Millstadt.....	4,937				
10	Lebanon City Coal Co.....	Lebanon.....	4,500				
11	Hartman Bros.....	Millstadt.....	3,816				
12	John F. Beatty.....	Mascoutah.....	3,694				
13	Diamond Joe Coal Co.....	Millstadt.....	3,163				
14	Geo. Penn.....	French Village.....	2,520				
15	Phil E. Dietrich.....	Freeburg.....	1,325				
16	John T. Nixon.....	Marissa.....	1,250				
17	Arthur Johnson.....	Belleville.....	990				
18	Geo. Schmidt.....	Millstadt.....	400				
19	Thos. McBride, lessee, Reinheimer mine.....	Freeburg.....	280				
Totals.....			107,702				
Totals—79 mines.....			1,076,061	2,198,048	65,216	169,676	830,318

Mines reported for 906, 83.

New mines, 1.

Abandoned mines, .

Mines in 1907 79.

St. Clair County—Eighth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employees.	Total.	
.....	13,481	\$16,851	.....	.....	13,481	.....	250	13,481	10	3	13	1
.....	12,909	16,136	.....	.....	12,909	.....	291	12,909	10	4	14	2
.....	12,860	16,075	.....	.....	12,860	.....	275	12,860	10	5	15	3
.....	12,000	15,000	.....	.....	12,000	.....	300	12,000	9	3	12	4
.....	8,150	10,188	.....	.....	8,150	.....	255	8,150	8	3	11	5
.....	7,720	9,650	.....	.....	7,720	.....	300	7,720	8	3	11	6
.....	7,700	9,625	.....	.....	7,700	.....	200	7,700	6	3	9	7
.....	6,007	7,509	.....	.....	6,007	.....	250	6,007	5	1	6	8
.....	4,937	6,171	.....	.....	4,937	.....	235	4,937	7	1	8	9
.....	4,500	7,875	.....	.....	4,500	.....	236	4,500	7	4	11	10
.....	3,816	4,770	.....	.....	3,816	.....	247	3,816	7	3	10	11
.....	3,694	4,618	.....	.....	3,694	.....	250	3,694	4	2	6	12
.....	3,163	3,954	.....	.....	3,163	.....	174	3,163	6	2	8	13
.....	2,520	3,150	.....	.....	2,520	.....	220	2,520	4	2	6	14
.....	1,325	1,656	.....	.....	1,325	.....	120	1,325	2	1	3	15
.....	1,250	1,563	.....	.....	1,250	.....	150	1,250	2	1	3	16
.....	990	1,238	.....	.....	990	.....	250	990	3	1	4	17
.....	400	500	.....	.....	400	.....	90	400	4	1	5	18
.....	280	350	.....	.....	280	.....	60	280	2	1	3	19
.....	107,702	\$136,879	.....	.....	107,702	.....	219	107,702	114	44	158	
95,751	4,435,070	\$3,669,949	4,036,289	51,047	189,544	158,190	.....	2,650,284	3,687	1,438	5,125	

Shipping Mines—Recapitulation by

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Bond.....	2	20,216	77,653	.....	318	38,019	761	136,967	\$0.55	\$0.48
Madison	16	646,221	1,610,398	240,317	113,487	722,974	193,803	3,527,200	0.55	0.48
St. Clair.....	60	968,359	2,198,048	65,216	169,676	830,318	05,751	4,327,368	0.55	0.4947
Totals and av.	78	1,634,796	3,886,099	305,533	283,481	1,591,311	290,315	7,991,535	\$0.55	\$0.4857

Local Mines—Recapitulation by

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Madison.....	18	49,963	.....	.....	.....	.....	.....	45,963	\$0.6988	.....
St. Clair.....	19	107,702	.....	.....	.....	.....	.....	107,702	0.5584	.....
Totals and av	37	153,665	.....	.....	.....	.....	.....	153,665	\$0.6015	.....
Totals, district— all mines	115	1,788,461	3,886,099	305,533	283,481	1,591,311	290,315	8,145,200	.....	.....

Whole number of mines reported in 1906, 121.
 Number of new mines opened during the year, 3.
 Number of mines abandoned during the year, 9.
 Whole number of mines reported for 1907, 115.

Counties—Eighth District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYEES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employees.	Total.
205	124,095	12,872	\$1.0093	\$1.224	.....	\$1.15	\$0.5461	\$0.2247	135	104	239
200	714,850	2,812,350	0.912	1,1398	\$1.0751	0.7957	0.4729	0.30	2,507	1,340	3,847
176	2,542,582	1,784,786	0.8441	1.0161	1,1054	0.6678	0.3419	0.1355	3,573	1,394	4,967
182	3,381,527	4,610,008	\$0.873	\$1.0715	\$1.0815	\$ 0.7196	\$0.4063	\$0.2456	6,215	2,838	9,053

Counties—Eighth District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYEES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employees.	Total.
179	45,963	.....	\$1.3672	.....	.....	.....	.....	.....	103	29	132
219	107,702	.....	1.2708	.....	.....	.....	.....	.....	114	44	158
199	153,665	.....	\$1.2997	.....	.....	.....	.....	.....	217	73	290
.....	3,535,192	4,610,008	.....	.....	.....	.....	.....	.....	6,432	2,911	9,343

NINTH INSPECTION DISTRICT, 1907.

SECOND ANNUAL REPORT.

Counties—Clinton, Franklin, Jefferson, Marion, Perry, Randolph, Washington.
W. S. BURRIS, *Inspector*, Duquoin.

HON. DAVID ROSS,

Secretary, State Bureau of Labor Statistics, Springfield, Ill.

SIR—In compliance with the statute of the State defining the duties of the State Inspectors of coal mines, I have the honor to herewith submit the second annual coal report of the coal mines in the ninth inspection district for the year ending June 30, 1907. The tabular part of the report gives the number of mines in operation, both shipping and local; the thickness of the coal seam; the number of men and boys employed in the mines and of all others employed around the mines; the total output in tons of all grades of coal and the aggregate value of the total product in the district; the casualties in and around the mines, both fatal and non-fatal. The following summary for the district is presented for the year ending June 30, 1907:

Number of mines.....	67
Number of new mines.....	10
Number of abandoned mines.....	5
Number of local mines.....	10
Total output of tons, all mines.....	5,582,245
Tons of mine run coal.....	1,627,869
Tons of lump coal.....	1,832,947
Tons of egg coal.....	502,479
Tons of nut coal.....	351,880
Tons of screenings.....	1,166,406
Tons of slack or waste.....	100,664
Tons loaded on cars for shipment.....	4,845,735
Tons supplied to locomotives.....	299,453
Tons sold to local trade.....	163,744
Tons consumed or wasted at mines.....	273,313
Tons mined by hand.....	3,860,056
Tons mined by machines.....	1,722,189
Average number of days of active operation shipping mines.....	200
Number of mines using machines.....	14
Number of machines in use.....	144
Number of machines using compressed air.....	95
Number of machines using electricity.....	49
Number of miners.....	4,852
Number of other men underground.....	1,317
Number of men above ground.....	949
Number of boys underground.....	116
Total number of employés.....	7,234
Average value of lump coal a ton at mine.....	\$1.20
Average value of mine run coal.....	\$0.911
Average value of egg.....	\$1.185
Average value of nut.....	\$1.071
Average value of screenings.....	\$0.546
Average value of slack or waste.....	\$0.219
Total valuation of product.....	\$5,326,521
Number of fatal accidents.....	20
Number of non-fatal accidents.....	20
Number of wives made widows.....	17
Number of children left fatherless.....	51

Number of tons produced for each fatal accident.....	279,112
Number of tons produced for each non-fatal accident.....	279,112
Number of persons employed to each fatal accident.....	362
Ratio of fatal accidents to 1,000 persons employed.....	2.8
Number of kegs of powder used for blasting coal.....	165,348
Number of kegs of powder used for other purposes.....	1,907
Number of pounds of dynamite for blasting.....	4,246

The following gives the total tons produced in each county for the years 1906 and 1907, with the increase and decrease:

COUNTIES.	TOTAL PRODUCTS—ALL GRADES OF COAL.			
	1906	1907	Increase.	Decrease.
Clinton.....	770,689	1,061,410	290,721	.....
Franklin.....	387,230	863,165	475,935	.....
Jefferson.....	20,292	10,060	.....	10,232
Marion.....	826,280	1,084,783	258,503	.....
Perry.....	1,453,766	1,743,922	290,156	.....
Randolph.....	572,001	742,894	170,893	.....
Washington.....	95,796	68,768	.....	27,028
White.....	6,585	7,243	658	.....
Totals.....	4,132,639	5,582,245	1,456,866	37,260
Net increase.....	.....	.....	1,449,606	.....

NEW MINES.

The Norris City Coal Company, located at Norris City, White county, completed the sinking of its air shaft February 16, 1907. This shaft is 640 feet deep and is 7 by 10 feet, with four feet taken off for a stairway, leaving air chamber 7 by 6 feet.

The Big Muddy and Carterville Coal Company of Carterville has opened a mine on the Iron Mountain Railway at Royalton, two miles west of Zeigler. The main shaft is 10 by 16 feet in the clear. The air shaft has an air chamber 5 by 8 feet in the clear, with a manway 4 by 8 feet. The tippie is constructed of wood. The hoisting engines are the Aetna make, 20 by 36 inches, with a six-foot cast iron drum. The hoisting rope is one and a quarter inch steel. The cages are self dumping, of the Bond manufacture. The fan is sixteen feet in diameter. Two boilers are installed of the Galesburg make, seven-sixteenth inches shell, seventy-two inches in diameter and eighteen feet long, with seventy four-inch flues.

The Sesser Coal Company has opened a new mine, located on the C., B. & Q. Railroad, one and one-half miles from Sesser, Franklin county. The main shaft is 10 by 18 feet in the clear, timbered with 6 by 12 inch plank to the rock. The air shaft is 10 by 15 feet, with four feet off for a manway. The coal seam is 9 feet 10 inches thick and 723 feet below the surface. The plant was completed September 10, 1906. The hoisting engine is of the first motion type, 24 by 46 inches, made by Crawford & McCrimmon. The fan and the fan engines are of the same make. The fan is twenty feet in diameter and the engine 12 by 24 inches. The company has installed three Gem City boilers, 72 inches by 18 feet, with eighty-four flues. The boiler and engine rooms are built of brick and are fire proof. The fan house is also built of brick and stands twenty feet from the air shaft. The air chamber is tunneled to the air shaft. This would protect the fan in case of an explosion. The tippie is constructed of steel, with an end pull to the hoisting engine. The sheave wheels are set tandem, one above the other.

The company has installed a Smith gravity box car loader, to handle coal for the northern trade, this trade being mostly confined to box cars. The arrangement seems to give the best of satisfaction for handling the egg coal, which can be loaded in box cars. The company has an Ottumwa box car loader. A large shaker screen is used to grade the coal. The mine track is forty-two inch gauge, with forty pound steel rails on the main and cross entries. The cars are of three and one-half ton capacity and when loaded to their extreme capacity hold four and one-fourth tons. The bottom of the shaft on the loaded track side has a fall of $1\frac{1}{2}$ per cent for 400 feet, giving a splendid action for loaded cars. The company is undecided in the matter of installing an empty car lift of the Danville manufacture or to blast up the bottom and make a gravity for the empty cars, both plans having their respective advantages.

The United Coal Company's new mine is located on the C., B. & Q. and Illinois Central Railroads, at Christopher, Franklin county. This shaft is 500 feet deep, with a seam of coal 9 feet and 7 inches. The main shaft is 10 feet by 16 feet. The air shaft is 9 by $13\frac{1}{2}$ feet, the air way being 9 by 9 feet. The engine is of the Danville make, first motion, 24 by 42 inches. There are four boilers installed of the Erie, Pa., make, 72 inches by 18 feet, with seventy-two four-inch flues. The fan is of the Capell make, 6 by $13\frac{1}{2}$ feet. The dynamo is of the Morgan-Gardner make, 150 K. W. The fan house is built of brick and concrete, standing twenty feet from air shaft, with a tunnel running to the air chamber equipped with a pair of relief doors, in case of an explosion. The blacksmith shop, boiler and engine rooms are constructed of brick. The main office is at the mine and is also built of brick, steam heated, with bath room in connection. The tippie is constructed of steel, with a large shaker screen and two box car loaders, one a Christy, the other of the Ottumwa make. The scales for weighing the coal into railroad flat cars are placed, one above the mine switches to weigh the empty cars and one below the switches to weigh the loaded cars. This is one of the up-to-date mines in southern Illinois.

The Zeigler District Colliery Company has sunk a new mine, on the C., B. & Q. Railroad, Christopher, Franklin county. The shaft is 517 feet deep, with a 10-foot vein of coal. The main shaft is 10 by 16 feet; the air shaft 8 by $12\frac{1}{4}$ feet. The engines are the Litchfield make, first motion, 24 by 42 inches. There are four Erie, Pa., boilers, 18 feet by 72 inches. The boiler room, blacksmith shop and engine houses are built of brick and are fire proof. The tippie is constructed of steel, with shaker screens. The pit cars have a capacity of three tons. This mine when fully developed should produce a large tonnage with its modern equipments.

The W. P. Rend Coal Company has opened a new mine on the C., B. & Q. Railroad, four miles northwest of Benton, Franklin county, and is now in operation. The mine is 575 feet deep, with a good 10 foot 9 inch seam of coal. The main shaft is 10 by 18 feet; the air shaft 10 by 13 feet, with a mainway 4 by 10 feet. The hoisting engine is 24 by 42 inches; the hoisting rope is steel, $1\frac{3}{4}$ inches. Five boilers are installed, size 17 feet 11 inches by 72 inches, with seventy-eight four-inch flues; also one dynamo, 100 K. W. and one 150 K. W. The coal is mined with two electric Morgan-Gardner machines. The buildings, consisting of blacksmith shop, boiler and engine rooms, are constructed of brick and are fire proof. The tippie is steel, with shaker screens. This mine is equipped with sufficient machinery, when developed, to insure a large tonnage.

The Coöperative Coal Company, Breese, Clinton county, is now in active operation. The mine is situated on the B. & O. Railroad, one mile east of Breese. The depth to the coal is 390 feet to a seam of 7 feet and 6 inches. The main shaft is 9 by 18 feet in the clear, timbered with 6 by 8 inch yellow pine. The air shaft is 10 by 16 feet, also timbered with 6 by 8 inch yellow pine for the first thirty feet; the remaining distance is timbered with 4 by 8 inch yellow pine. At this mine there is a pair of 34 by 60 inch Danville engines and four 72 inch by 20 feet, Erie boilers. The fan is eighteen feet in diameter; fan engine is St. Louis make, 12 by 18 inches. Coal is hoisted

in the Fletcher skip, the coal being dumped at the bottom of the shaft into a large hopper. The pit cars hold three tons of coal. The bottom is laid out on the plan of the three-entry system to the second pair of cross entries. The boiler, engine and blacksmith buildings are built of brick. The tippie is a wood structure with shaker screens. This mine is laid out to handle a very large tonnage.

IMPROVEMENTS IN MINES.

The Moffat Coal Company, Sparta, Randolph county, has installed a Sullivan compressor and ten Sullivan machines, the company believing that it will attain better results in the quality of coal at its mine.

The Odin Coal Company, Odin, Marion county, has installed a high speed fan, run by a small generator at the face of the workings. The fan is placed one and one-half miles from the bottom of the shaft, running at a speed of 250 revolutions a minute, producing 40,000 cubic feet of air. This relieves all pressure on stoppings. Before this fan was installed 5,000 cubic feet of air was all that could be forced to the face of the workings.

ABANDONED MINES.

The Great Central Coal Company, Duquoin, Perry county, has abandoned its mine, known as the old Mifflin mine, four miles west of Duquoin. The machinery has not been removed and operations may be resumed some time.

The Greenwood Davis Coal Company, Duquoin, abandoned its mine March 16, 1907. The expense of handling the water and the haulage became so great that the mine was not on a paying basis. Water had to be pumped and the coal hauled up a 4 per cent grade.

April 1, 1907, the slope known as the Old Hallidayboro slope was abandoned.

PROSPECTIVE MINES.

The Dering Coal Company will open a new mine, to be known as No. 18, two and one-half miles northeast of West Frankfort, Franklin county.

The Benton Coal Company will open a new mine, to be designated as No. 2, one mile southeast of Benton.

The Big Muddy and Carterville Coal Company will have a new mine, to be known as No. 2, at Royalton.

The Marion County Coal Company will have a new mine, two and one-half miles northwest of Centralia.

The White Ash Coal Company is opening a new mine, four miles south of Duquoin.

The following is a detailed statement of the fatal accidents occurring in this district during the year ended June 30, 1907:

August 2, 1906, Matt Watheau, shot firer, age 35 years, married, was killed by a shot blowing through a pillar, while working in the Dering Coal Company's mine at West Frankfort. He leaves a widow and three children.

September 19, 1906, Ezra Young, miner, age 60 years, married, was killed by falling clod in the Royal Coal and Coke Company's mine at Sparta. He leaves a widow.

October 11, 1906, John A. Hummel, miner, aged 33 years, married, was killed instantly at the face of his room by falling slate. He was drawing a pillar in the Paradise Coal Company's mine at Duquoin. He leaves a widow and two children.

October 11, 1906, Gus Lee, miner, aged 20 years, single, was killed instantly by falling slate. Lee and Hummel were working together drawing a pillar of a room in the Paradise Coal Company's mine, Duquoin, Ill.

December 11, 1906, Herman Habich, miner, aged 34 years, was killed instantly by falling rock and slate, the mass weighing about 2,000 pounds. He was employed in the Breese Trenton Mining Company's mine, Breese. He leaves a widow and two children.

December 22, 1906. A very deplorable accident occurred at the Breese Trenton Mining Company's mine at Breese, Clinton county, Saturday morning, December 22, 1906, whereby six men lost their lives when descending on the cage to their working places. All of the men were miners. The cage fell down the shaft 300 feet, killing all of the men almost instantly, breaking legs, arms and crushing their bodies horribly. The unfortunate men were:

August Foppe, miner, aged 32 years, married, leaving a widow and one child.

Nay Middeke, aged 45 years, miner, married, leaving a widow and nine children.

Frank Zeherer, miner, aged 39 years, married, leaving a widow and three children.

New Holtmann, miner, age not given, married, leaving a widow and four children.

Walter Schaffner, miner, aged 30 years, married, leaving a widow and two children.

Herman Schleper, miner, aged 52 years, married, leaving a widow.

January 12, 1907, Louis Phillippi, miner, aged 29 years, married, was killed instantly while in the act of drilling out a shot, which he thought was a wet hole, as water was running out of the blasting barrel. This shot had been tamped the day before. Deceased was using a churn drill, which must have struck a piece of sulphur, igniting the powder. This accident occurred in the mine of the Duquoin Coal Company, Duquoin. He leaves a widow.

January 29, 1907, John H. Riordan, mine manager, aged 37 years, single, was cleaning up some coal with the intention of pulling slate down afterwards. However, the slate fell on him, with the result that he died from the injuries twelve hours afterwards. He was employed at the local mine of John Anderson, Pinckneyville, Perry county.

February 12, 1907, William A. Stevenson, shot firer, employed in the mine of the Avery Coal Company, Winkle, Perry county, aged 53 years, married, was overcome with afterdamp caused from a blown out shot, the explosion tearing down all doors on that side of shaft and destroying the top of the air shaft. He leaves a widow and seven children.

February 12, 1907, William Haughland, shot firer, aged 50 years, married, was also overcome by afterdamp caused from the blown out shot described as killing Stevenson. Deceased leaves a widow and two children.

April 27, 1907, Joshua Clark, aged 23 years, shot firer, married, was killed in the mine of the James Brothers Coal Company. Tilden, Randolph county. Deceased was returning to what he supposed was an unexploded shot, when it suddenly exploded with the result as stated. He leaves a widow and two children.

June 13, 1907, Bousilar Wevilkosky, trip rider, aged 21 years, single, employed at the Zeigler Coal Co's. mine, Zeigler, Franklin county, was killed. The power gave out, delaying his trip; when the power came on the motorman started the motor, at the same time he cautioned Wevilkosky about holding his head so high, but the trip rider did not heed the warning and was struck by wire causing almost instant death.

June 19, 1907, Joseph Pemberton, top man, aged 31 years, married, was fatally injured while attempting to stop a moving railroad car with a pinch-bar, his foot caught under the bar when the wheels passed over his leg crushing it badly. The leg was amputated but death resulted June 23, 1907. He was employed at the Illinois Fuel Co's. mine, Sparta, and leaves a widow and six children.

June 19, 1907, Wm. P. Williams, miner, aged 63 years, married, was killed in mine No. 2 of Jones Bros. Coal Company near Marissa, Randolph county. Deceased was placing a prop under a piece of rock when it fell killing him instantly. He leaves a widow and six children.

June 28, 1907, W. T. Hiser, mine examiner, aged 35 years, married, was killed by falling slate in the Missouri and Illinois Coal Company's No. 4 mine at Willisville. He leaves a widow and two children.

Following are the usual tables and schedules for each coal producing county in the Ninth inspection district.

Respectfully submitted,

W. S. BURRIS,

State Mine Inspector, Ninth District, Duquoin, Illinois.

Fatal Casualties—Ninth District—ly 1, 1907.

Date.	Name.	Age.	Occupation.	Residence (Town).	Married.	Widows.	Children.	Single.	Persons dependent.	Cause of Accident.
1906.										
Aug. 2	Matt Wathen.....	35	Shot firer.....	W. Frankfort.	1	1	3	..	4	Shot blown through pillar.....
Sept. 19	Ezra Young	60	Miner	Sparta	1	1	..	..	1	Falling slate.....
Oct. 11	John A. Hummel. .	30	do.	St. John.	1	1	2	..	3	do.
	Gus Lee	20	do.	do. ....	..	..	1	..	..	do.
Dec 11	Herman Habich. .	34	do.	Breese.	1	1	2	..	3	do.
	Herman Schleper .	52	do.	do.	1	1	..	..	1	Descending cage....
	August Foppe	32	do.	do.	1	1	1	..	2	do.
	Ney Middeke.	45	do.	do.	1	1	9	..	10	do.
	Frank Zeherer.....	30	do.	do.	1	1	3	..	4	do.
	New. Holtmann. .	..	do.	do.	1	1	4	..	5	do.
	Walter Schaffner..	30	do.	do.	1	1	2	..	3	do.
1907										
Jan. 12	Louis Phillipi.....	29	do.	Duquoin	1	1	..	..	1	Shot explosion.....
	John H. Riordan. .	37	Mine manager.	Pinckneyville..	..	..	4	..	..	Falling slate.....
Feb. 12	Wm. A. Stevenson. 53	Shot firer.....	Winkle.....	1	1	7	..	..	4	Shot explosion.....
	Wm. Haughland. .	50	do.	do.	1	1	2	..	3	do.
April 27	Joshua Clark.....	23	do.	Tilden.	1	1	2	..	3	Blast explosion....
June 13	B. Wevilkosky.....	21	Trip rider	Zeigler .....	..	..	1	..	1	Trolley wire
	Joseph Pemberton. 31	Top man	Sparta.....	1	1	6	..	..	5	Railroad car
	Wm. P. Williams. .	63	Miner	Marissa.....	1	1	6	..	5	Falling slate
	W. T. Hiser	35	Mine examiner	Willisville	1	1	2	..	3	do.
	Total				17	17	51	3	60	

Recapitulation of Fatal Casualties—Ninth District—1907.

Residence.	No.	Occupation.	No.	Nature of Casualty.	No.	Colliery.	No.
Breese.....	7	Laborer.....	1	Blast explosion....	4	Anderson. John.....	1
Duquoin.....	1	Mine manager.	1	Descending cage....	6	Avery Coal Co.....	2
Marissa.....	1	Miners	12	Falling slate	7	Boyd Coal & Coke Co....	1
Pinckneyville.	1	Mine examiner	1	Railroad cars	1	Breese-Trenton Coal Co....	7
St. Johns.....	2	Shot firers	4	Shot blown through pillar.....	1	Dering Coal Co.....	1
Sparta	2	Trip rider.....	1	..	1	Duquoin Coal Co.....	1
Tilden	1	..	..	Trolley wire	1	Illinois Fuel Co.....	1
W. Frankfort.	1	..	..	..	..	Jones Bros.....	2
Willisville ..	1	..	..	..	..	Missouri & Illinois Coal Co.	1
Winkle	2	..	..	..	..	Paradise Coal Co.....	2
Zeigler.....	1	..	..	..	..	Zeigler Coal Co.....	1
Totals.....	20	..	20	..	20	..	20

Non-Fatal Casualties—Ninth District—July 1, 1907.

Date.	Name.	Age	Residence (Town).	Married.	Single.	Children.	No. persons dependent.	Character of Injury and Cause of Accident.	Time lost—days.
1906									
July 17	P. C. Williams.....	48	Duquoin.....	1	..	5	6	Finger cut, falling coal	75
19	John Stout.....	33	Pinckneyville.	1	..	3	4	Body bruised, pit cars	45
Aug. 3	Wm. Royster.....	35	Duquoin.....	1	..	7	8	Leg and arm burned, falling in hot water	45
31	Henry Schirkadang ..	50	..do.....	1	..	5	3	Leg broken, falling slate	*
Sept. 24	Christ Becht.....	64	..do.....	1	..	..	1	Finger cut, falling slate	*
Oct. 13	David Rodgers.....	23	Beckemeyer.....	..	1	..	..	Ribs broken, pit cars	42
17	Will Craig.....	24	Duquoin.....	..	1	1	1	Finger cut off, falling coal....	*
29	Joseph Tiance.....	37	..do.....	..	1	..	..	Head and breast bruised, falling slate	35
Nov. 9	Chas. Mathis.....	24	..do.....	1	..	..	1	Face and hands burned, powder explosion	45
9	Fred Mathis.....	21	..do.....	1	..	2	3	Leg and arm broken, powder explosion	60
30	Chas. Lenerman.....	35	Pinckneyville.	1	..	1	2	Face and hand cut, falling slate	*
Dec. 14	Robt. Soulshy.....	..	Breese.....	..	1	..	..	Hand mashed, pit cars	30
28	Chas. Harrison.....	26	Duquoin.....	..	1	..	..	Hands and face burnt, powder explosion	*
1907									
Jan. 31	Elmer Davis.....	20	Zeigler.....	..	1	..	..	Body bruised, pit cars	60
Apr. 5	Newton A. Moore.....	38	Winkle.....	..	1	..	..	Body bruised, flying coal	45
6	Ben Thorhide.....	19	Breese.....	..	1	..	..	Body bruised, pit car	42
11	Henry Schelneter.....	26	..do.....	..	1	..	1	Body bruised, falling rock....	61
17	Frank Desarbo.....	53	Willisville.....	..	1	4	1	Body burned, explosion.....	*
17	Jas. Desarbo.....	19	..do.....	..	1	..	..	Body burned, shot explosion..	37
June 1	Fritz Winters.....	42	Tilden.....	..	1	..	..	Body bruised, falling rock....	30
	Totals.....			10	10	28	31		

*Not recovered July 1, 1907.

Total number of men injured.....	20
Number not recovered July 1, 1907.....	6
Number recovered July 1, 1907.....	14
Total time lost by men recovered—days.....	652
Average time by men recovered—days.....	46.57

Recapitulation of Non-Fatal Casualties—Ninth District—1907.

Residence.	No.	Occupation.	No.	Cause of Accident.	No.	Colliery.	No.
Beckemeyer ..	1	Drivers.....	4	Falling coal	2	Avery Coal Co.....	1
Breese	3	Laborers.....	2	Falling in hot water	1	Breese-Trenton	2
Duquoin	9	Mine examiner	1	Falling rock	2	Brilliant	4
Pinckneyville	2	Miners	8	Falling slate	4	Consolidated	1
Tilden.....	1	Motorman	1	Flying coal	1	Duquoin Coal Co.	1
Willisville.....	2	Shot firers....	4	Pit cars	5	Jupiter Coal Co.	1
Winkle.....	1	..	..	Powder explosions ..	3	Perry County C. C.....	3
Zeigler.....	1	..	..	Shot explosions	2	Sycamore mine.....	1
						Tilden Coal Co.	1
						Trenton Coal Co.	1
						White Walnut Coal Co..	1
						Willis Coal & Mining Co..	2
						Zeigler Coal Co.....	1
Totals.....	20		20		20		20

Table Showing the Nature of Injuries, Number of Persons Injured, Dependents, Time Lost, with Averages and Percentages.

NATURE OF INJURIES.	Number.	Married.	Single.	Dependents.	TIME LOST.		Per cent of injuries.
					Total days.	Average days.	
Bodies bruised.....	8	3	6	6	320	45.71	40.00
Face and hands burned.....	2	1	1	1	45	45.00	10.00
Face and hands cut.....	1	1		2			5.00
Fingers cut off.....	3	2	1	8	75	75.00	15.00
Hand mashed.....	1		1		30	30.00	5.00
Head and breast bruised.....	1		1		35	35.00	5.00
Leg and arm broken.....	1	1		3	60	60.00	5.00
Leg and arm burned.....	1	1		8	45	45.00	5.00
Leg broken.....	1	1		3			5.00
Ribs fractured.....	1		1		42	42.00	5.00
Totals, averages and percentages...	20	10	10	31	652	46.57	100.00

Clinton County—Ninth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Breese-Trenton Min. Co., East Mine.	Breese	7,709	148,439	52,554		66,889
2	Southern Coal and Mining Co., No. 9	New Baden ...	140,822	47,142	4,032	3,562	31,205
3	Breese-Trenton Mining Co., No. 3...	Beckemeyer ..	10,076	140,937			61,756
4	Trenton Coal Co	Trenton		125,990	11,453	9,544	22,300
5	Consolidated Coal Co	Breese	85,048	8,495			5,484
6	Coöperative Coal Co	do.	1,231	24,102	1,469	1,816	9,180
7	Southern Coal Co., No. 10.....	Germantown..	31	11,530		2,330	4,652
Totals			244,917	506,635	69,508	17,252	201,466

Mines reported for 1906, 6.

New mines, 1.

Mines in 1907, 7.

Franklin County—Ninth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Zeigler Coal Co	Zeigler.....	28,960	51,669	65,612	95,545	79,499
2	Dering Coal Co., No. 11.....	W. Frankfort.	101,113	28,224	10,378	19,734	119,948
3	Benton Coal Co	Benton	11,171	52,863	10,204	12,468	51,356
4	Zeigler District Colliery Co	Christopher...	4,618	10,135	3,614	6,306	19,542
5	United Coal Co	do.	4,910	5,210	4,396	3,110	12,340
6	Big Muddy & Carterville C. Co., No. 1	Mulkeytown ..	11,601	4,574	.....	3,688	7,868
7	Sesser Coal & Constructi'n Co., No. 1	Sesser	15,520	.....	.....	.....	.....
8	W. P. Rend Coal Co	Benton	3,720	.....	.....	.....	.....
Totals			181,613	152,675	94,204	140,851	290,553

Mines reported for 1906, 3.

New mines, 5.

Mines in 1907, 8.

Clinton County—Ninth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	Number.
.....	275,591	\$310,898	213,394	52,554	5,232	4,411	257	275,591	150	55	205	1
15	226,778	215,007	215,855	.....	2,861	8,062	150	.....	194	112	306	2
.....	212,769	239,107	210,717	.....	1,381	671	289	212,769	130	44	174	3
21,607	190,894	197,001	160,587	.....	8,700	21,607	225	.....	250	75	325	4
.....	99,027	84,302	92,628	.....	812	5,587	124	99,027	160	61	221	5
.....	37,798	38,431	34,498	.....	.....	3,300	251	37,798	56	14	70	6
10	18,553	24,248	13,146	.....	2,880	2,527	140	10,347	30	19	49	7
21,632	1,061,410	\$1,108,994	940,825	52,554	21,866	46,165	205	\$635,532	970	380	1,350	

Franklin County—Ninth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	Number.
.....	321,285	\$348,564	302,858	617	1,921	15,889	290	.....	164	398	560	1
.....	279,397	230,460	191,026	.....	2,437	85,924	269	238,184	130	115	245	2
2,291	140,353	163,161	126,930	.....	11,142	2,291	225	25,200	92	76	168	3
.....	44,215	35,281	42,460	.....	360	1,395	142	44,215	78	50	128	4
978	30,944	24,732	29,570	4	394	976	147	30,944	61	57	118	5
.....	27,731	24,237	26,400	.....	375	956	182	27,731	30	18	48	6
.....	15,520	13,968	13,400	.....	200	1,920	198	15,520	30	15	45	7
.....	3,820	3,348	2,650	.....	120	950	70	.....	20	8	28	8
3,269	863,165	\$843,751	735,294	621	16,949	110,301	207	381,794	605	737	1,342	

Jefferson County—Ninth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Imperial Coal Co.	Mt. Vernon		6,000		1,000	3,000
	Totals			6,000		1,000	3,000
LOCAL MINES.							
2	Sophia A. Shelton	Opdyke		60			
	Totals			60			
	Totals—2 mines.....			6,060		1,000	3,000

Mines reported for 1906, 2.

Mines in 1907, 2.

Marion County—Ninth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Centralia Coal Co., No. 2	Centralia	3,801	106,753	76,686	58,058	69,208
2	Centralia Coal Co., No. 4	do.	4,199	79,562	64,390	1,030	108,828
3	Centralia Coal Co., No. 3	do.	19,806	114,343	.....	40,375	44,618
4	Odin Coal Co.	Odin		138,377	.....		62,186
5	Sandoval Coal & Mining Co., No. 2..	Sandoval		29,435	.....		19,622
6	Sandoval Coal & Mining Co., No. 1..	do.		5,093	.....		3,395
	Totals.....		27,806	473,563	141,076	99,463	307,857
LOCAL MINES.							
1	Salem Coal Co.	Salem		3,000	.....		1,000
	Totals			3,000	.....		1,000
	Totals—7 mines		27,806	476,563	141,076	99,463	308,857

Mines reported for 1906, 7.

Mines in 1907, 7.

Jefferson County—Ninth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.					Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.	Average number of miners.			All other employes.	Total.		
.....	10,000	\$16,250	1,254	1,300	6,846	600	90	10,000	20	28	48	1	
.....	10,000	\$16,250	1,254	1,300	6,846	600	90	10,000	20	28	48		
.....	60	\$105	.....	.....	60	.....	65	60	2	.....	2	1
.....	60	\$105	.....	.....	60	.....	65	60	2	.....	2	
.....	10,060	\$16,355	1,254	1,300	6,906	600	.....	10,060	22	28	50	

Marion County—Ninth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.					Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.	Average number of miners.			All other employes.	Total.		
11,038	325,544	\$298,560	214,563	76,686	23,257	11,038	265	325,544	200	84	284	1	
8,662	266,671	226,385	193,619	64,390	.....	8,662	266	266,671	175	84	259	2
7,718	226,860	206,530	193,197	.....	11,279	7,718	248	226,860	160	82	242	3
.....	200,563	196,787	187,732	14,666	2,976	9,855	278	20,939	182	68	250	4	
2,100	51,159	42,680	47,557	.....	1,500	2,100	149	51,157	65	20	85	5
1,000	9,488	7,385	6,000	.....	2,488	1,000	60	9,488	35	29	64	6
30,518	1,080,283	\$978,327	842,668	155,742	41,500	40,373	241	900,659	817	367	1,184		
.....		
500	4,500	\$5,250	.....	.....	4,000	500	30	4,500	5	3	8	
500	4,500	\$5,250	.....	.....	4,000	500	30	4,500	5	3	8	
31,018	1,084,783	\$983,577	842,668	155,742	45,500	40,873	.....	905,159	822	370	1,192	

Perry County—Ninth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Majestic Coal & Coke Co., No. 1.....	Clinch.....		79,749	73,369	35,089	130,790
2	Willis Coal & Mining Co.....	Willisville.....	254,281				
3	Paradise Coal & Coke Co., No. 1.....	Duquoin.....	23,844	75,048	15,590	20,300	34,990
4	White Walnut Coal Co.....	Pinckneyville.....	8,211	55,963	49,144		44,473
5	Duquoin Operating Co.....	Duquoin.....	133,013				
6	Missouri & Illinois Coal Co.....	Willisville.....	121,900				
7	Brilliant Coal & Coke Co.....	Duquoin.....		45,711	5,000		21,946
8	Duquoin Coal Co., No. 3.....	do.....	2,700	23,015	23,015		21,530
9	Vulcan Coal & Mining Co.....	Coulterville.....	4,994	41,812	340		13,643
10	Tamaroa & Little Muddy Coal Co.....	Sunfield.....	11,631	25,050	1,240		8,607
11	Imperial Coal Co.....	Duquoin.....		36,560			9,140
12	Jupiter Coal & Mining Co., No. 1.....	do.....	400	22,460	3,400	9,780	4,393
13	Avery Coal & Mining Co., Bald Eagle	Winkle.....	1,527	27,528		2,577	8,839
14	Bailey Bro.'s Coal Co.....	Sunfield.....	1,000	18,411	5,000	2,400	4,800
15	Diamond Fuel Co.....	do.....	21,600	1,600			800
16	Greenwood-Davis Coal Co.....	Duquoin.....	23,780				
17	Perry County Coal Co.....	do.....		13,560	4,565	325	3,005
18	New Moon Coal Co.....	do.....		12,623		4,855	
19	Jupiter Coal & Mining Co.....	do.....	905	8,420	900		7,920
20	Great Central Mining Co.....	do.....	16,186				
21	Strait Coal Co.....	Pinckneyville.....	7,995	2,440			400
22	Wilson Brothers.....	Cutler.....	585	1,456			108
Totals			634,552	491,405	181,563	75,326	315,434
LOCAL MINES.							
1	Conroy & Bailey.....	Duquoin.....	2,924				
2	J. G. Schneider	Pinckneyville.....	1,294				
3	John Anderson.....	do.....	1,100				
4	John Henson Coal Co.....	do.....	825				
5	Old Egyptian Coal Co.....	Duquoin.....	700				
Totals			6,843				
Totals—27 mines.....			641,395	491,406	181,563	75,326	315,434

Mines reported for 1906, 27.

Perry County—Ninth District—Concluded.

IN TONS.		DISPOSITION OF OUTPUT.					EMPLOYEES.					
Slack or waste.	Total.	Aggregate value of total product.	Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.	Days of active operation.	Tons mined by hand.	Average number of miners.	All other employes.	Total.	Number.
	318,997	\$300,651	311,397		1,600	6,000	217	318,997	217	42	259	1
	254,281	246,653	246,504		777	7,000	276	34,000	191	79	270	2
12,543	182,315	179,831	162,564	14,071	2,028	3,652	168	182,315	140	103	243	3
1,285	159,076	148,617	104,702	52,165	924	1,285	255	159,076	135	40	175	4
	133,013	93,109	127,879		1,179	3,955	186	133,013	110	40	150	5
2,398	124,298	112,148	121,100		800	2,398	175		90	32	122	6
3,529	76,186	75,069	71,701		956	3,529	194	76,186	110	28	138	7
3,254	73,574	69,684	69,936		324	3,254	228	73,514	60	23	83	8
3,600	64,389	42,701	60,449		340	3,600	180	64,389	65	20	85	9
	46,528	45,982	39,307		6,501	720	162	46,528	63	22	85	10
	45,700	55,754	43,063		180	2,457	205	45,700	70	24	94	11
4,159	44,592	48,448	40,880		600	3,112	185	44,592	42	24	66	12
3,817	33,288	35,932	40,471		715	3,102	211	25,745	35	13	48	13
1,500	33,111	30,242	30,611		1,500	1,000	222	33,111	45	15	60	14
	24,000	21,984	22,500			1,500	200	24,000	31	7	38	15
	23,780	21,402	20,568		1,162	2,050	123	23,780	65	19	84	16
	21,505	24,509	19,855		845	805	182	21,505	30	15	45	17
1,943	19,421	26,412	13,792		4,215	1,414	241	19,421	25	8	33	18
	18,145	18,000	15,240		40	2,865	170	4,494	14	11	25	19
	16,186	14,567	14,628		297	1,261	83	16,186	75	20	97	20
652	11,487	11,016	9,995		1,092	400	179	11,487	13	6	19	21
118	2,267	2,241	1,793		248	226	167	2,267	1	4	2	22
38,798	1,737,079	\$624,960	1,588,935	66,236	26,323	55,585	196	1,360,306	1,628	595	2,223	
	2,924	\$4,386			2,924		133	2,924	8	3	11	1
	1,294	1,941			1,294		180	1,294	3	1	4	2
	1,100	1,650			1,100		133	1,100	2	1	3	3
	825	1,238			825		191	825	3	1	4	4
	700	1,050			700		42	700	4	1	5	5
	6,843	\$10,265			6,843		136	6,843	20	7	27	
38,798	1,743,922	\$635,225	1,588,939	66,236	33,166	55,585	.....	1,367,149	1,648	602	2,250	

Randolph County—Ninth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Willis Coal & Mining Co.	Percy.	184,492	10,280			6,444
2	Moffat Coal Co.	Sparta.	80,142	12,000			3,600
3	Crystal Coal Co.	Tilden.	34,283	30,270	5,260	5,278	15,623
4	Coulterville Mining Co.	Coulterville.	31,922	34,224			4,425
5	Illinois Fuel Co.	Sparta.	59,034	900			300
6	Jones Bros. Coal & Mining Co.	Marissa.	8,997	37,426	3,034	4,575	2,739
7	Boyd Coal & Coke Co.	Sparta.	48,000	6,000		800	1,200
8	Tilden Coal Co.	Tilden.	3,062	32,003	1,834	4,800	2,900
9	Coulterville Coal Co.	Coulterville.	27,871				
10	Wilson Bros.	Sparta.	22,095	3,894			
Totals			499,898	166,997	10,128	15,453	37,231
LOCAL MINES.							
1	J. C. Boyle & Sons.	Sparta.	4,504				
2	C. P. Fellers.	do.	1,923				
3	H. M. Welshans.	do.	813				
Totals			7,240				
Totals—13 mines.			507,138	166,997	10,128	15,453	37,231

Mines reported for 1906, 10.

New mines, 3.

Mines in 1907, 13.

Randolph County—Ninth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employees.	Total.	
.....	201,216	\$197,667	195,449	.....	767	5,000	257	2,907	100	46	146	1
.....	95,742	83,721	93,842	.....	1,100	800	242	95,742	123	29	154	2
510	91,224	64,540	90,224	.....	500	500	239	91,224	65	19	84	3
.....	70,571	55,567	65,487	.....	2,924	2,160	190	70,571	60	18	78	4
.....	60,234	54,241	58,408	.....	355	1,471	216	.....	40	24	64	5
2,550	59,321	46,223	56,771	.....	.....	2,500	150	59,321	60	11	71	6
1,600	57,600	51,480	53,000	.....	4,000	600	168	57,600	80	25	105	7
1,107	45,706	43,992	42,761	.....	838	2,107	115	45,706	50	24	74	8
.....	27,871	27,871	26,971	.....	.....	900	193	27,871	35	9	44	9
180	26,169	24,455	24,720	.....	1,044	405	112	26,169	51	17	68	10
5,947	735,654	\$649,757	707,633	.....	11,528	16,493	188	477,111	666	222	888	
.....
.....	4,504	\$6,756	.....	.....	4,453	51	.....	4,504	4	2	6	1
.....	1,923	1,923	.....	.....	1,901	22	.....	1,923	5	1	6	2
.....	813	813	.....	.....	799	14	.....	813	3	1	4	3
.....	7,240	\$9,492	.....	.....	7,153	87	.....	7,241	12	4	16	
5,947	742,894	\$659,249	707,633	.....	18,681	16,580	.....	484,351	678	226	904	

Washington County—Ninth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Nicholson Coal Co.	Nashville	25,000	10,000	5,000	1,000	1,000
2	Adam Kuhn Coal Co.	DuBoise		20,000			6,692
	Totals .....	.....	25,000	30,076	5,000	1,000	7,692

Mines reported for 1906, 2.

Mines in 1907, 2.

White County—Ninth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Norris City Coal Co.	Norris City ...		2,535		2,535	2,173

Mines reported for 1906, 1.

Mines in 1907, 1.

Washington County--Ninth District --Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	Number.
.....	42,000	\$48,650	2,000	23,000	15,000	2,000	218	42,000	45	16	61	1
.....	26,768	22,083	24,018	.....	2,400	350	160	26,768	56	15	71	2
.....	68,768	\$70,733	26,018	23,000	17,400	2,350	189	68,768	101	31	132	

Will County--Ninth District --Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	Number.
.....	7,243	\$8,637	3,108	.....	3,276	859	128	7,243	6	8	14	1

Shipping Mines—Recapitulation by Counties—

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Clinton.....	7	244,917	506,535	69,508	17,252	201,466	21,632	1,061,410	\$0.5552	\$0.5454
Franklin	8	181,613	152,675	94,204	140,851	290,553	3,269	863,165	.48	.4233
Jefferson	1	.....	6,000	1,000	.....	3,000	.....	10,000	.56	.....
Marion	6	27,806	473,563	141,076	99,463	307,857	30,518	1,080,283	.51	.44
Perry.....	22	634,552	491,406	181,563	75,326	315,434	38,798	1,737,079	.52	.4830
Randolph	10	499,898	166,997	10,128	15,453	37,231	5,947	735,654	.55	.48
Washington	2	25,600	30,076	5,000	1,000	7,692	.....	68,768	.5340	.....
White	1	.....	2,535	.....	2,535	2,173	.....	7,243	.56	.....
Total and av	57	1,613,786	1,829,887	502,479	351,880	1,165,406	100,164	5,563,602	\$0.5236	\$0.4758

Local Mines—Recapitulation by Counties—

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Jefferson	1	.....	60	.....	.....	.....	.....	60	\$1.75	.....
Marion	1	.....	3,000	.....	.....	1,000	500	4,500	.51	.....
Perry.....	5	6,843	.....	.....	.....	.....	.....	6,843	.5810	.....
Randolph	3	7,240	.....	.....	.....	.....	.....	7,240	.55	.....
Totals and av	10	14,083	3,060	.....	.....	1,000	500	18,643	\$1.4028	.....
Totals, district — all mines	67	1,627,869	1,832,947	502,479	351,880	1,166,406	100,664	582,245	.....	.....

Whole number of mines reported in 1906, 62.
Number of new mines opened during the year, 10.
Number of mines abandoned during the year, 5.
Whole number of mines reported in 1907, 67.

Ninth District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employes.	Total.
265	635,532	425,878	\$0.901	\$1.307	\$1.182	\$0.928	\$0.613	\$0.20	970	380	1,350
207	381,794	481,371	1.00	1.371	1.338	1.186	.550	.60	605	737	1,342
90	10,000	.....	.....	2.000	2.00	.....	.75	.....	20	28	48
241	900,659	179,624	0.90	1.109	1.100	0.90	.592	.15	17	267	84
196	1,360,306	376,773	0.894	1.194	1.181	1.211	.483	.293	1,628	595	2,223
188	477,111	258,543	0.904	0.980	.839	0.572	.410	.10	666	222	888
189	68,768	.....	1.000	1.20	1.25	0.70	.352	.....	101	31	132
128	7,243	.....	.....	1.75	.....	1.40	.30	.....	6	8	14
200	3,841,213	1,722,189	\$0.911	\$1.202	\$1.185	\$1.071	\$0.546	\$0.219	4,813	2,368	7,181

Ninth District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employes.	Total.
65	60	.....	.....	\$1.75	.....	.....	.....	.....	2	.....	2
30	4,500	.....	.....	1.50	.....	.....	\$0.75	.....	5	3	8
136	6,843	.....	\$1.50	.....	.....	.....	.....	.....	20	7	27
.....	7,240	.....	1.3111	.....	.....	.....	.....	.....	12	4	16
33	18,643	.....	\$1.3990	\$1.4950	.....	.....	\$0.75	.....	39	14	53
.....	3,860,056	1,722,189	.....	.....	.....	.....	.....	.....	4,852	2,382	7,234

TENTH INSPECTION DISTRICT—1907.

SECOND ANNUAL REPORT.

Counties—Gallatin, Jackson, Johnson, Saline, Williamson.

THOMAS LITTLE, *Inspector*, Murphysboro.

HON. DAVID ROSS,

Secretary State Bureau of Labor Statistics, Springfield, Ill.

SIR—In compliance with the statute of the State, defining the duties of the State inspectors of coal mines, I herewith submit the second annual report of the coal mines in the tenth inspection district for the year ended June 30, 1907.

A tabular statement is herewith given of the statistics in each county, showing the number of mines operated during the year, both shipping and local; the new and abandoned mines; the depth of coal below the surface, with the geological number and thickness of the various coal seams; the number of miners and other employes working in the mines and on the surface; the total tonnage of all grades of coal; the average value of coal at the mines and the aggregate value of the total product in the district, with the casualties occurring in and around the mines, both fatal and non-fatal.

The following summary is given as a recapitulation of the principal facts found in the schedules of the various counties:

Number of counties in which coal is produced.....	5
Total number of mines.....	100
Number of new mines: shipping, 6; local 6.....	12
Number of mines abandoned.....	9
Number of local mines.....	38
Total tonnage of shipping mines.....	7,698,816
Total tonnage of local mines.....	76,632
Total tonnage all mines.....	7,775,448
Tons loaded on cars for shipment.....	6,980,567
Tons supplied to locomotives.....	106,755
Tons sold to local trade.....	153,007
Tons consumed and wasted at the mines.....	535,119
Aggregate value of the total product.....	\$7,452,954
Number of miners in all the mines.....	5,617
Number of other employes and boys underground.....	2,372
Number of employes above ground.....	1,132
Total number of employes.....	9,121
Average number of days in active operation shipping.....	202
Number of mines using machines.....	28
Number of machines in use.....	227
Tons cut by machine.....	2,988,372
Tons mined by hand.....	4,787,076
Number of fatal accidents.....	29
Number of non-fatal accidents.....	47
Number of wives made widows.....	14

Number of children made fatherless.....	30
Number of tons produced for each fatal accident.....	268,119
Number of tons produced for each non-fatal accident.....	165,435
Number of persons employed to each fatal accident.....	315
Number of persons employed to each non-fatal accident.....	194
Ratio of fatal accidents per 1,000 persons employed.....	3.2

The following shows the coal reported by counties with increase and decrease in each for the year ending June 30, 1906 and June 30, 1907:

COUNTIES.	TOTAL PRODUCT OF ALL GRADES OF COAL, IN TONS.		Decrease.	Increase.
	1906	1907		
Williamson.....	3,927,189	5,166,452		1,339,263
Saline.....	601,979	1,711,825		1,109,846
Jackson.....	7,59962	705,363	54,599	
Gallatin.....	99,860	88,908	10,952	
Johnson.....	912	2,900		1,988
Totals.....	5,389,902	7,775,448	65,551	2,451,097
Net increase.....				2,385,546

NEW MINES.

The Davenport Coal Company in Saline county, has sunk a new mine, which is known as shaft "B"; coal was reached December 20, 1906, at a depth of 97 feet. The shaft is 9½ by 15½ feet in the clear; the coal is the No. 5 seam and is 6½ feet thick.

The tippie is made of heavy steel and is 60 feet high with self-dumping cages and shaker screens of the Bond make; it is equipped with a pair of first motion engines, 18 by 34 inches, made by Keck-Gonnerman, Mt. Vernon, Ind.; the drum is 4½ feet in diameter; the rope is 1¼ inches; there are four boilers made by the Atlas Engine Works, Indianapolis, Ind. The boilers are 20 feet by 72 inches with 72 four-inch flues. The shaker screen has a 10 by 16 inch engine, the screen is run by a rope drive. The escape-ment shaft is 9½ by 15½ feet. The fan is 16 feet in diameter, Crawford-McCrimmon make run by a 16 by 16 engine.

The engine room of the main shaft is 24 by 30 feet; the boiler room 50 by 48 feet; both are built of brick, with steel bridge roofs.

The generator room is 24 by 45 feet also built of brick. A Goodman generator has been installed, 150 K. W. and 250 volts; the generator is driven by a Ridgeway engine, 18 by 19 inches. The blacksmith shop is 23 by 47 feet, covered with galvanized iron; the fan house is 32 by 22½ feet; the powder house is 16 by 16 feet, both built of brick. This is one of the best equipped mines in the county.

The Wasson Coal Compank, in Saline county, has sunk a new mine, 3¼ miles south of Eldorado on the Big Four railroad; coal was reached January 20, 1906, at a depth of 320 feet; the shaft is 9 by 14 feet; the coal is 5 feet thick and is the No. 5 seam.

The equipment consists of a pair of first motion engines 20 by 36 inches, made by Keck-Gonnerman, Mt. Vernon, Ind.; the drum is 6 feet, and the rope 1¼ inches; there are two boilers, 72 inches by 18 feet with 70 four-inch flues of the Keck-Gonnerman make. The engine room is 44 by 40 feet; the boiler room 48 by 40 feet, both are covered with galvanized iron. The head frame is built with long leaf yellow pine lumber and equipped with self dumping cages; there are four tracks and a shaker screen which makes four grades of coal. The air shaft is 9 by 12 feet with a 16 foot fan installed. This shaft is an up-to-date plant, and is equipped for a large output.

The Gus Blair Big Muddy Coal Company, Jackson county, has sunk a new mine at Murphysboro. The mine was sunk in 1906 and coal was reached August 17, at a depth of 120 feet. The shaft is 12 by 18 feet; the coal is No. 1 and No. 2 seams. The engines are 12 by 18 geared 3 to 1, with one inch rope and 5 foot sheave wheels. The boiler is 72 inches by 20 feet with 25 six inch flues. The company intends working the coal by punching machines, as they have a New York Air Compressor; the capacity of the compressor is ten machines. The head-frame is 50 feet high built with long leaf yellow pine; having a shaker screen. The engine room is 22 by 45 feet covered with galvanized iron; the office 12 by 14 feet; the blacksmith shop 18 by 20 feet; both covered with galvanized iron. This shaft is located 2½ miles north of Murphysboro, on the Iron Mountain railroad, and is an up-to-date shaft for the size of it.

Several new mines have been opened in Williamson county. The Scranton & Big Muddy Coal Mining Company has sunk a new shaft 3 miles north-east of Marion. This shaft struck coal at a depth of 184 feet; the coal is 8 feet thick. The height of the tower is 75 feet; the upright timbers are 12 inches by 12 feet yellow pine and white oak; the buntons are 12 by 12; white oak braces, 6 by 8 and the guides 4 by 6; the sheave wheels are 6 feet in diameter and are from the Aetna Foundry & Machine Co., Springfield, Illinois.

The length of the shaker screen room is 77 feet, the size of timbers are 10 by 10 inches and 12 by 12 inches yellow pine, with white oak braces 6 by 8 inches.

The shaker screens are in length 62 feet by 8 feet wide and are in two sections, each 31 feet long; the shaker engine is direct to the screens, size 8. by 14. One five-ton weighing hopper is used with Fairbanks & Morse scales. The screens and engine also the hopper are of the Blakeslee make. The size of the engine house is 29 by 36 feet; the hoisting engine is Aetna make, 20 by 36 with two drums; an Ingersoll-Rand compressor is installed, the steam cylinders being 22 by 24 inches, and air 24 by 24 inches; the size of the boiler room is 45 by 24 feet; there are two Atlas boilers 72 inches by 18 feet with 70 flues, 150 H. P. each with a Gardner feed pump 6 by 4 by 6 inches. A National single pump, size 9 by 5½ by 10 inches, a Blakeslee duplex pump 19 by 6 by 10 inches. The fan is a Blakeslee 15 by 4 feet with a 10 by 16 inch incline engine; this is not erected yet. This shaft is 9 by 16 feet inside of timbers and has two feet partitioned off at the end for pipes. The shaft is built for a capacity of two thousand tons a day.

The Chicago & Carterville Coal Company has opened and equipped a new mine about two miles northeast of Herrin, on the C. B. & Q. railroad. The sinking of the hoisting shaft was begun in August, 1905, but owing to many difficulties encountered in the way of mud, quicksand and water, the coal was not reached until October 1906; the depth of the shaft is 236 feet to a seam of coal 9 to 10 feet in thickness. This mine is equipped with a wood tower covered with galvanized iron; the engine house is of brick; having double hoisting engines with 20 by 36 inch cylinders, and conical drums 5½ by 7 feet; two boilers are installed each 6 by 20 feet, provided with automatic stokers. All other necessary buildings and machinery are supplied to make a first class up-to-date plant.

The air and escapement shaft was completed in March, 1907, and is provided with a 10 foot steel, high speed ventilating fan of the Murphy type, manufactured by the Sullivan Machinery Company.

ABANDONED MINES.

There have been really no shipping mines abandoned during the year, however, the Carterville Coal Company, Carterville, has not operated its shafts A and B during the year; the company claiming that these have not been abandoned. The Hemlock Coal Company, Herrin, and the Lake Creek Coal Company, Johnston City, have not shipped any coal this year on account of not having any railroad tracks laid to their mines.

IMPROVEMENTS.

The following is a list of electrical equipments installed at the several mines of the O'Gara Coal Company, in Saline county, at No. 7 mine: One 250 h. p. Erie engine 19 by 18; one K. W. Morgan-Gardner generator; one 6 by 18 tubular boiler, Union Iron Works' make; five Morgan-Gardner electric machines. At No. 9 mine, one 19 by 18 Erie engine; 150 K. W. Morgan-Gardner generator; one tubular boiler 6 by 18, Union Iron Works' make; six Morgan-Gardner electric machines. At No. 4 mine; six Morgan-Gardner electric machines; one 7½ ton haulage motor, Morgan-Gardner make; one tubular boiler 6 by 18 Union Iron Works make. At No. 3 mine, three 19 by 18 Erie engines; three 150 K. W. Morgan-Gardner generators; six Morgan-Gardner chain machines; three Union Iron Works' tubular boilers, 6 by 18; one Platt Iron Works' heater. At No. 2 mine, four Morgan-Gardner electric chain machines. The electric power for mines 2, 3, and 4 is supplied from No. 3 mine. At No. 11 mine, two 19 by 18 Erie engines; two 150 K. W. Morgan-Gardner generators; three Morgan-Gardner chain machines; three tubular boilers 6 by 18, Union Iron Works' make; one pair direct acting hoisting engines, 20 by 36, Litchfield make. The electric power for mines 8 and 10 is supplied from this mine. At No. 19 mine, five Morgan-Gardner chain machines; one Morgan-Gardner 5 ton haulage motor. At No. 8 mine, four Morgan-Gardner chain machines; one Morgan-Gardner 5 ton haulage motor.

The Carterville District Coal Company, Marion, has installed a main rope and tail rope system of haulage, which has greatly increased their output.

CHANGING IN THE NAMES OF COMPANIES.

The Davenport Coal Company, of Harrisburg, has changed its name to the Saline Coal Company.

FATAL ACCIDENTS.

July 7, 1906, Elmer Voorhees, carpenter, aged 28 years, married, employed at the Big Muddy Coal & Iron Company, shaft No. 9, was killed by a gin pole falling on him. He leaves a widow and one child.

July 14, 1906, Harvey Dunning, miner, aged 24 years, single, employed at the O'Gara Coal Company's mine No. 6, located two miles south of Harrisburg, was killed by falling rock in room No. 4, third east entry off of the north. The rock was 20 feet long, 12 feet wide and about 5 feet thick at the thickest place. Instructions had been given by the mine manager about one hour before the accident to set props under the roof; deceased promised to do so, but failed to do as instructed.

July 14, 1906, E. Lands, miner, aged 22 years, single, employed at the O'Gara Coal Company's shaft No. 6, two miles south of Harrisburg, was working in the room with Harvey Dunning and was killed by the same rock.

August 17, 1906, Bromo Yarreffa, bottom laborer, aged 23 years, single, employed by the Western Coal & Mining Company, was killed instantly by falling slate; the piece falling on him was about two by three feet long and eight inches thick.

August 29, 1906, Angelo Correll, miner, aged 32 years, married, employed by the Carterville District Coal Company, was instantly killed. The cager had his usual number of men on the cage and rang for the engineer to hoist; just as the cage was leaving the bottom, the deceased came running past those who were waiting for the next cage to come out, and leaped on the cage; he was caught between the cage and the casing of the shaft, crushing his head. He leaves a widow and three children.

September 6, 1906, Harry Hall, miner, aged 39, married, employed by the Lake Creek Coal Company, was fatally burned. His death was caused by the ignition of gas in the entry where he was engaged in cutting down a standing shot; the fall caused a draft that brought the gas down on the light, which was setting on the ground. He was burned so severely that he died three days afterwards. He leaves a widow and two children.

September 11, 1906, Robert Gray, driver, aged 20 years, single, employed at the mine of the Chicago & Carbondale Coal Company, was riding in front of a car on the tail chain and fell off, the car running over him, injuring him fatally. He died three hours afterwards.

September 19, 1906, Gus Smith, top laborer, aged 20 years, single, employed by the Big Muddy Coal & Iron Company, at its shaft No. 7, was riding on top of a loaded box car, which he was taking to the yard; his brother Fred threw him a bar to use in setting the brake, when he went to tighten the brake rod the bar slipped causing him to lose his balance, when he fell across the rail; the car passing over him cutting him in two.

October 25, 1906, Allen Henson, timberman helper, aged 25 years, single, employed by the Sunnyside Coal Company, was cutting a hitch for cross bars, when a piece of slate fell, striking him on the shoulders, knocking him down; he arose to his feet, saying to his partner, he was not hurt, when another piece suddenly fell on him crushing his head and breast. This accident happened on the third north entry on the east side of mine No. 4.

October 27, 1906, Richard Spezia, miner, aged 30 years, married, employed by the Chicago & Carterville Coal Company at mine "A", was killed by an explosion of fire damp in the first east entry on south side of the shaft. He leaves a widow and two children.

October 27, 1906, Peter Brennar, pumpman, aged 54 years, married, employed by the Chicago & Carterville Coal Company, at mine "A," was killed by an explosion of fire damp in the first east entry on south side of shaft. He leaves a widow and six children.

November 3, 1906, Joseph Smith, miner, aged 60 years, married, employed at Joe Ingram's mine, one mile south of Harrisburg, was killed instantly by a piece of slate 7 by 15 by 16 feet falling on him. He leaves a widow and one grown son.

November 14, 1906, Richard Lee, trapper, aged 16 years, single, employed by the Big Muddy Coal & Iron Company at mine No. 6, was killed while coming up on a cage; at about 50 feet from the bottom he lost his balance from some unknown cause and fell from the cage to the bottom of the shaft.

December 3, 1906, N. J. Massey, top foreman, aged 35 years, married, employed by the O'Gara Coal Company at mine No. 8, was fatally injured. The car on the cage had become unlocked and stopped at the top landing; Massey and others had put the car on the track and were trying to move the car so they could latch it again when they lost control of the car and it ran off the cage into the weighing hopper, catching Massey between the car and the floor sills, fracturing his skull and injuring him otherwise; the accident occurred at 2:00 p. m. and he died eight hours afterwards. He leaves a widow and three children.

December 17, 1906, Walter Gilbert, miner, aged 25 years, married, employed by the Inland Coal & Washing Company, was instantly killed. The indications are that the deceased was sitting on a rail, sharpening a drill bit, when a standing shot fell on him. The room in which he was working was found to be in good condition and the roof was intact; he was found about 12:20 p. m., by pumpman James Griffin, who was making his usual rounds and was attracted to the room by hearing groans which came from his brother, Lawrence Gilbert, who was fatally injured by the same accident. Walter Gilbert leaves a widow and three children.

December 17, 1906, Lawrence Gilbert, miner, aged 17 years, single, employed by the Inland Coal & Washing Company, was fatally injured. This accident was not witnessed by any one; deceased was working in a room with his brother Walter, who was instantly killed. Lawrence was found by the pumpman who had been attracted to his room by hearing his groans; he was found to be badly injured, his skull and face being crushed; he was taken to the top but died in about 15 minutes. Indications show that he was in the act of setting a drill when a standing shot fell, crushing him. The room and roof were in safe working conditions.

December 17, 1906, Claude Miner, miner, aged 17 years, single, employed by the National Mining Company, at Eldorado, was killed instantly by falling slate at the face of his room, which fractured his skull over the right eye, breaking his neck and badly lacerating the scalp.

December 22, 1906, John Willis, trapper, aged 66 years, married, employed at mine No. 3 of the Peabody Coal Company, near Marion, was trapping the main east door; the motor started from the third south parting with 12 loaded cars; the last three cars of the trip became uncoupled between the parting and the door; when the trapper saw the motor trip going past him, he stepped into the middle of the track and the three cars that had been uncoupled struck him, the first one ran over him and he was found dead under the second car. He leaves a widow and five children.

December 29, 1906, Frank Nelson, pumpman, aged 23 years, single, employed at the Madison Coal Company, No. 9 mine, was killed by being caught in the cog wheels of an electric pump.

January 18, 1907 Oliver P. Draper, mine examiner, aged 25 years, married, employed at the O'Gara Coal Company No. 1 mine, near Harrisburg, met his death while examining the mine at 5:30 a. m. This accident occurred at the face of the second east entry on the north side of the shaft; it is believed that he fired the gas with a naked light and that death was due to after damp. He leaves a widow.

The seven following accidents were caused by the explosion of thirty kegs of powder in the mine of the Johnson City & Big Muddy Coal & Mining Company, located at Johnston City, Williamson county, at about 11:30 a. m., January 29, 1907.

The practice of handling powder and delivering it at the mine was as follows: The miners order the powder at the office, these orders are given to the teamster, who hauls the powder from the powder house and delivers it at the top of the shaft; the powder is then loaded into a mine car and sent down the shaft; from the bottom of the shaft the powder is taken north 120 feet where the main east and west entries are turned off of the north entry. Three men were employed at the time of the explosion, unloading the powder from the mine car and placing it north of the tracks for distribution; one of these men was in the car handing the powder to another man outside of the car; this man then passed the kegs to the third man to be placed where the different drivers would get the powder, at this point, and take it into the miners who had ordered powder for that day. I am of the opinion that the explosion was due to the rough handling of the kegs of powder when taken from the mine car and to where the powder is placed, which is 12 feet from the car and 6 feet 6 inches from the north rail. There was no coal dust nor fire damp near the point of the explosion; Frank Meagher was handing the kegs of powder out of the car to Jess Davis, Davis in turns handing the kegs to Martin Lawry, who was placing them in the place as described.

Following are the names, ages, occupation, etc., of the seven men:

George Patterson, bottom laborer, aged 26 years, single, living at Johnston City, died at 11:00 p. m., January 30, 1907.

Martin Lawry, driver, aged 25 years, married, living at Johnston City, died at 10:00 p. m., January 29, 1907 and leaves a widow and one child.

Jess Davis, driver, aged 25 years, married, living at Johnston City, died at 3:30 p. m., January 29, 1907 and leaves a widow and one child.

Romulus Fenrenboker, driver, aged 20 years, single, living at Johnston City, was instantly killed.

Claus Morse, cager, aged 46 years, widower, living at Galatia, died January 31, 1907, leaving one child.

Phelix Toner, bottom laborer, aged 27 years, married, living at Murphysboro, died at 9:00 p. m., January 29, 1907 and leaves a widow and one child.

Frank Meager, flagman, aged 17 years, single, living at Johnston City, died at 4:00 p. m., January 29, 1907.

May 27, 1907, Richard D. Lewis, miner, aged 46 years, single and employed by the Carterville & Big Muddy Coal Company, was working in room No. 2 east entry on the north side of the shaft. About 3:30 p. m., he was supposed to be preparing a shot when a piece of slate fell from the roof, striking him on the back of the head, killing him instantly; the piece of slate was about 3 by 4 feet in size and two inches thick. This was a draw piece of slate, and the deceased was warned about it in the morning and told to take it down, and said he would but neglected to do so, when it fell upon him.

June 26, 1907, Charles Taylor, machine runner, aged 26 years, single, employed at the O'Gara Coal Company No. 3 mine at Harrisburg, was engaged in shoveling cuttings from the machine, when a piece of slate 15 by 12 inches, three feet thick fell, crushing him. He died about four hours after the accident. The tables of accidents and the county tables follow:

Respectfully submitted,

THOMAS LITTLE,

State Inspector of Mines, Tenth District, Murphysboro, Illinois.

Fatal Casualties—Tenth District—July 1, 1907.

Date.	Name.	Age.	Occupation.	Residence. (Town)	Married.	Widows. Children.	Single.	Persons dependent.	Cause of Accident.
1906									
July 7	Elmer Voorkeer	28	Carpenter	Murphysboro	1	1 1			2 Falling pole.
14	Harvy Dunning	24	Miner	Mitchellsville			1		Falling slate
14	E. Lands	22	do.	Dorrisville			1		do.
Aug. 17	Brown Garreffa	23	B. Laborer	Bush			1		do.
29	Angela Carrell	32	Miner	White Ash	1	1 3			4 Ascending cage.
Sept. 6	Harry Hall	39	do.	Johnston City	1	1 2			3 Gas explosion.
11	Robert Gray	20	Driver	DeSoto			1		Pit car
19	Gus Smith	20	Top laborer	Herrin			1		Railroad car
Oct. 25	Allen Henson	25	Timberman	do.			1		Falling slate
27	Richard Spezia	30	Miner	do.	1	1 2			3 Gas explosion.
27	Peter Brenner	54	Pumpman	do.	1	1 6			4 do.
Nov. 3	Joseph Smith	60	Miner	Gaskins City	1	1 1			1 Falling slate
14	Richard Lee	16	Trapper	Mt. Carbon			1		Falling down shaft.
Dec. 3	N. J. Massey	35	Top foreman	Eldorado	1	1 3			4 Pit car
17	Walter Gilbert	25	Miner	DeSoto	1	1 3			4 Falling coal.
17	Lawrence Gilbert	17	do.	do.			1		do.
17	Claude Miner	17	do.	Grayson			1		Falling slate
22	John Willis	66	Trapper	Marion	1	1 5			1 Pit car
29	Frank Nelson	23	Pumpman	Dewmaine			1		Pump
1907									
Jan. 18	Oliver P. Draper	25	Mine examiner	Harrisburg	1	1			1 Gas explosion.
29	George Patterson	26	B. Laborer	Johnston City			1		Powder explosion.
29	Martin Lawry	25	Driver	do.	1	1 1			2 do.
29	Jess Davis	25	do.	do.	1	1 1			2 do.
29	R. Fehrenbaker	20	do.	do.			1		do.
29	Claus Morse	46	Cager	Galatia	1	1 1			1 do.
29	Phelix Toner	27	B. Laborer	Murphysboro	1	1 1			2 do.
29	Frank Meagher	17	Flagman	Johnston City			1		do.
May 27	Richard D. Lewis	46	Miner	Cambria			1		Falling slate
June 26	Gharles Taylor	26	Mch. runner	Shelb'ville, Ind			1		do.
	Totals				14	14 30	15	34	

Recapitulation of Fatal Casualties—Tenth District—1907.

Residence.	No.	Occupation.	No.	Nature of Casualty.	No.	Colliery.	No.
Bush	1	Cager	1	Ascending cage	1	Big Muddy Coal & Iron Co.	3
Cambria	1	Carpenter	1	Falling coal	2	C. & B. M. Coal Co.	1
DeSoto	3	Drivers	4	Falling down shaft	1	Cartersville Dist. Coal Co.	1
Dewmaine	1	Flagman	1	Falling pole	1	Chicago & Carb. Coal Co.	3
Dorrisville	1	Foreman	1	Falling slate	8	Ingram, Jobe	1
Eldorado	1	Laborers	4	Gas explosion	4	Inland Coal Co.	2
Galatia	1	Machine run-		Pit cars	3	J. C. & B. M. Coal Co.	7
Gaskins City	1	ner	1	Powder explosion	7	Lake Creek Coal Co.	1
Grayson	1	Mine exami-		Pump	1	Madison Coal Co.	1
Harrisburg	1	ner	1	Railroad cars	1	National Mining Co.	1
Herrin	4	Miners	10			O'Gara Coal Coal Co.	5
Johnston City	6	Pumpmen	2			Peabody Coal Co.	1
Marion	1	Timberman	1			Sunnyside Coal Co.	1
Mitchellville	1	Trappers	4			Western Coal Co.	1
Mt. Carbon	1						
Murphysboro	2						
Shelbyville	1						
Ind							
White Ash	1						
Totals	29		29		29		29

Non-Fatal Casualties—Tenth District—1907.

Date.	Name.	Age.	Residence. (Town)	Married. Single.	Children.	No. persons dependent.	Character of Injury and Cause of Accident.	Time lost— days.
1906								
July	1 James Hayes.....	40	Dewmaine	1	.....	1	Body bruised, descend'g cage	60
	1 Harry Taylor	27	do.	1	.....	1	do.	90
	1 John Halliman.....	28	do.	1	.....	1	do.	150
	1 Herrell Parks.....	48	do.	1	.....	1	do.	*
	9 Frank Daugherty	24	Herrin	1	.....	1	Ankle injured, pit cars.....	45
	16 S. J. Halstead.....	33	do.	1	.....	1	Arm broken, falling slate....	46
	16 Romeo Fax	20	do.	1	.....	1	Leg bruised, falling slate....	41
	30 W. S. Cllicaye	26	Grayson	1	.....	2	Body burned, gas explosion..	30
	23 Wm. Warren	35	Clifford	1	3	4	Arm injured, pit car	56
Aug.	1 Sam Sutton	35	do.	1	1	2	Body bruised, falling coal ...	32
	2 Charles May	19	Harrisburg	1	.....	1	Arm injured, pit car	30
	11 Edward Stephens.....	42	Eldorado	1	.....	1	Foot injured, falling slate ...	40
	13 George Peoples	52	Harrisburg	1	4	5	Head injured, falling coal	70
	15 Joseph Petero	56	Murphysboro	1	6	7	Shoulder injured, falling coal	63
	16 George Bush	23	Harrisburg	1	.....	1	Fingers cut off, falling slate..	40
	21 Charles Gusdorper	20	Desoto	1	.....	1	Leg injured, pit car	54
	27 Ben Jettie	22	Carterville	1	.....	1	Body burned, shot explosion.	30
	27 Albert Fagale	24	Marion	1	1	2	do.	30
	31 Bob Gibson	23	Harrisburg	1	.....	1	Leg broken, falling slate	60
	31 John Pelzer	19	Murphysboro	1	.....	1	Back injured, falling slate....	*
Sept.	2 Geo. Kirk	25	Clifford	1	.....	1	Shoulder injured, cage	89
	12 Albert Blackwell	22	Carriers Mill	1	.....	1	Body bruised, pit cars	60
	17 George Bryant.....	26	Harrisburg	1	2	3	Legs and arms burned, gas explosion.....	30
	20 J. W. Guthrie	44	Herrin	1	3	4	Leg bruised, falling slate	40
	25 Anton Gevaro	36	Murphysboro	1	3	4	Ankle injured, falling coal....	54
Oct.	9 Wm. Baffins	30	Harrisburg	1	.....	1	Feet injured, pit car	40
Nov.	18 Wm. Spenser	23	do.	1	.....	1	Arm injured, pit car	30
Dec.	31 Wm. Dare	26	Herrin	1	1	2	Body bruised, falling coal ...	55
1907								
Jan.	18 Ed Singler	36	Oak Ridge	1	3	4	Leg broken, pit car	49
	20 A. Miller	48	Harrisburg	1	4	5	Foot injured, pit car	30
	21 M. Mortimer	55	Herrin	1	9	10	Hand injured, falling coal ...	34
	21 David Bailey	34	Murphysboro	1	2	3	Head injured, falling coal	153
Feb.	15 Hiram Cunpaigs	59	Harrisburg	1	6	7	Ribs broken, railroad cars ...	92
	15 Mike Gallo	26	Clifford	1	.....	1	Shoulder injured, falling coal	49
	19 Gus Stephens	23	Herrin	1	.....	1	Foot injured, pit car	43
	28 J. T. Brandon	37	Harrisburg	1	4	5	Hips injured, pit cars	30
Mar.	14 A. W. Pertle	26	Herrin	1	.....	1	Body bruised, kicked by mule	80
	19 J. B. Davis	30	Ledford	1	.....	1	Head injured, falling coal ...	40
	22 James Luckey	29	do.	1	.....	1	Leg bruised, pit car	40
	29 B. E. David	35	do.	1	1	2	Body bruised, falling coal....	30
	29 Jos. Calvin	40	Harrisburg	1	1	2	Body bruised, falling coal	48
Apr.	6 Lucen Cox	40	do.	1	.....	1	Arm broken, descending cage	40
	6 John Bass	26	do.	1	.....	1	Body bruised, descend'g cage	40
May	3 Samuel Harmick	54	Herrin	1	6	7	Leg bruised, falling coal.....	*
	7 E. J. Prather	35	Ledford	1	5	6	Head injured, pick	35
June	27 Joe Ellena	38	Clifford	1	3	4	Shoulder bruised, falling coal	49
	Totals.....			32	15	69	101	

*Not recovered July 1, 1907.

Total number of men injured	47
Not recovered July 1, 1907.....	3
Number recovered July 1, 1907	44
Time lost by men recovered, days	2,289
Average days lost by men recovered	52.02

Recapitulation of Non-Fatal Casualties—Tenth District—1907.

Residence.	No.	Occupation.	No.	Cause of Accident.	No.	Colliery.	No.
Carriers Mil...	1	Cager	1	Decending cage.....	7	B. M. C. & I.....	17
Carterville...	1	Car trimmer ..	1	Falling coal	12	Chi. & Carterville Coal Co.	3
Clifford	5	Drivers	11	Falling slate.....	8	Gartside Coal Co.....	1
DeSoto	1	Foreman	1	Gas explosion.....	2	Inland Coal Co.....	1
Dewmaine	4	Laborers	5	Kicked by mule	1	Jeff. City & Cart. Coal Co..	1
Eldorado	1	Loaders	2	Pick	1	Madison Coal Co.....	4
Grayson	1	Machine run-		Pit cars	13	National Mining Co.....	1
Harrisburg...	13	ner		Railroad cars.....	1	O'Gara Coal Co.....	17
Herrin	12	Miners	21	Shot explosion.....	2	Watson Coal Co.....	2
Ledford	2	Motorman.....	1				
Marion	1	Shot firer.....	1				
Murphysboro.	4	Trackman.....	1				
Oak Ridge	1	Trip rider.....	1				
Totals.....	47		47		47		47

Table Showing the Nature of Injuries, Number of Persons Injured, Dependents, Time Lost, with Averages and Percentages.

NATURE OF INJURIES.	Number.	Married.	Single.	Dependents.	TIME LOST.		Per cent of injuries.
					Total days.	Average days.	
Ankle injured	2	2		5	99	49.50	4.26
Arms broken	2	1	1	1	88	44.00	4.26
Arms injured.....	3	1	2	4	116	38.67	6.38
Back injured.....	1		1				2.13
Bodies bruised	11	9	2	13	655	65.50	23.40
Bodies burned.....	3	2	1	4	90	30.00	6.38
Finger cut off	1	1		1	40	40.00	2.13
Foot injured.....	4	3	1	7	153	38.25	8.51
Hand injured.....	1	1		10	34	34.00	2.13
Hands injured.....	4	4		15	298	74.50	8.51
Hips injured.....	1	1		5	30	30.00	2.13
Legs and arms burned.....	1	1		3	30	30.00	2.13
Legs broken	2	1	1	4	109	54.50	4.26
Legs bruised.....	6	2	4	11	205	41.00	12.76
Shoulders injured.....	4	2	2	11	250	62.50	8.50
Ribs broken	1	1		7	92	92.00	2.13
Totals, averages and percentages...	47	32	15	101	2,289	52.02	100.00

Gallatin County—Tenth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Gallatin Coal & Coke Co.....	Equality		32,536		22,368	8,812
2	Vandell Mining & Coke Co .....	..do.....	76	347		405	
Totals			76	32,883		22,773	8,812
LOCAL MINES.							
1	J. E. Dempsey	Equality		7,952			
2	W. H. McLain .....	..do.....		3,840			
3	Josh Anderson .....	..do.....		4,000			
4	J. Baldwin .....	..do.....		1,350			
5	R. J. Mitchell	Junction		600			
6	Wm. Shour .....	..do.....		240			
7	V. W. Craig	Saline mine		200			
8	J. L. Reid .....	..do.....		48			
Totals				18,230			
Totals—10 mines.....			76	51,113		22,773	8,812

Mines reported for 1906, 7.

New mines, 3.

Mines in 1907, 10.

Gallatin County—Tenth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
4,067	67,783	\$65,837	57,839	4,296	1,581	4,067	168	67,783	58	23	81	1
317	1,145	1,198	918	.....	18	209	36	1,145	7	14	21	2
4,384	68,928	\$67,035	58,757	4,296	1,599	4,276	168	68,928	65	37	102	
1,225	9,177	\$11,348	.....	.....	9,177	.....	200	9,177	5	5	10	1
.....	3,840	5,760	.....	.....	3,840	.....	300	3,840	5	5	10	2
.....	4,000	5,000	.....	.....	4,000	.....	200	4,000	5	7	12	3
.....	1,350	2,025	.....	.....	1,350	.....	150	1,350	3	4	7	4
300	900	1,050	.....	.....	900	.....	215	900	3	3	6	5
200	440	440	.....	.....	440	.....	90	440	2	3	5	6
25	225	313	.....	.....	225	.....	50	225	3	4	7	7
.....	48	72	.....	.....	48	.....	12	48	2	2	4	8
1,750	19,980	\$26,008	.....	.....	19,980	.....	164	19,980	28	33	61	
6,134	88,908	\$93,043	58,757	4,296	21,579	4,276	.....	88,908	93	70	163	

Jackson County—Tenth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Muddy Valley M. & Mfg. Co., No. 1..	Hallidayboro..	17,627	50,587	49,288	52,676	4,423
2	Big Muddy Coal & Iron Co., No. 6...	Murphysboro ..	11,765	39,404	8,045	.....	44,780
3	Big Muddy C. & I. Co., Harrison....	do.....	4,883	46,063	.....	.....	46,436
4	Inland Coal Co., No. 1.....	DeSoto.....	.....	23,245	.....	23,197	27,637
5	Chicago & Carbondale Coal Co., No. 1	Carbondale....	.....	25,000	5,000	20,000	.....
6	Gus Blair B. M. Coal Co., No. 1.....	Murphysboro ..	443	32,378	.....	.....	16,400
7	Gartside Coal Co., No. 3.....	do.....	.....	22,810	.....	5,359	637
8	Gartside Coal Co., No. 4.....	do.....	319	23,096	.....	4,970	4,236
9	Big Muddy Coal & Iron Co., No. 9....	do.....	7,327	6,679	170	1,444	3,139
10	Schmidgall Coal Co., No. 1.....	do.....	.....	8,950	.....	3,254	4,069
Totals			42,364	278,212	62,503	110,900	151,907
LOCAL MINES.							
1	E. Sponsler	Carbondale....	2,564	1,854	.....	.....	.....
2	F. M. Kelley	Ora.....	.....	6,020	.....	.....	1,070
3	T. A. Nisbet.....	Ava.....	.....	1,719	.....	.....	.....
4	H. S. Phillips.....	Carbondale ..	.....	1,500	.....	.....	1,000
5	J. B. Schimpf.....	Vergennes ..	.....	620	.....	.....	.....
6	W. R. Campbell.....	do.....	.....	338	.....	.....	.....
7	James B. Woods.....	Carbondale....	.....	1,956	.....	.....	254
8	Gus Blair B. M. Coal Co., No. 2.....	Murphysboro ..	.....	515	.....	.....	220
Totals			2,564	14,522	.....	.....	2,544
Totals—18 mines.....			44,928	292,734	62,503	110,900	154,451

Mines reported for 1906, 22.

Mines in 1907, 1.

Abandoned mines, 5.

Mines in 1907, 18.

Jackson County—Tenth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			Number.
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	
17,847	192,448	\$214,151	118,243	58,683	2,675	12,847	200	192,448	130	145	275	1
.....	103,994	98,657	89,748	.....	.....	14,246	157	26,493	126	112	238	2
.....	97,382	92,430	85,602	.....	.....	11,780	108	.....	130	76	206	3
6,000	80,079	93,956	60,545	.....	7,130	12,404	202	80,079	85	56	141	4
2,500	52,500	61,500	48,000	.....	500	4,000	150	26,500	35	24	59	5
.....	49,221	69,582	44,642	.....	832	3,747	144	5,458	35	26	61	6
9,800	38,636	55,271	24,777	.....	4,059	9,800	159	3,281	25	28	53	7
3,700	36,381	54,619	32,681	.....	.....	3,700	139	6,907	25	34	59	8
.....	18,819	18,629	16,268	.....	.....	2,551	96	245	20	22	42	9
.....	16,273	21,398	3,456	.....	11,800	1,017	202	.....	37	9	46	10
39,847	685,733	\$780,183	523,962	58,683	26,996	76,092	141	341,411	648	532	1,180	
.....	4,418	\$3,777	.....	.....	4,418	260	4,418	3	.....	.....	3	1
.....	7,090	8,595	.....	.....	7,090	103	7,090	4	1	.....	5	2
.....	1,719	2,149	.....	.....	1,719	200	1,719	4	.....	.....	4	3
.....	2,500	2,250	.....	.....	2,500	200	2,500	3	.....	.....	3	4
.....	620	930	.....	.....	620	113	620	3	.....	.....	3	5
.....	338	507	.....	.....	338	50	338	2	.....	.....	2	6
.....	2,210	2,661	.....	.....	2,210	250	2,210	8	.....	.....	8	7
.....	735	1,206	.....	.....	535	200	58	.....	4	4	8	8
.....	19,630	\$22,075	.....	.....	19,430	200	154	18,895	32	5	37	
39,847	705,363	\$802,258	523,962	58,683	46,426	76,292	.....	360,306	680	537	1,217	

Johnson County—Tenth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
LOCAL MINES.							
1	J. W. Tyler & Heton, Jr.....	NewBurnsides		1,300		300	
2	Edward White.....	do.....		1,200		100	
	Total .....	.....		2,500		400	

Mines reported for 1906, 2.

Mines in 1907, 2.

Johnson County—Tenth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employés.	Total.	Number.
.....	1,600	\$1,925	.....	.....	1,600	.....	250	1,600	3	5	8	1
.....	1,300	1,850	.....	.....	1,300	.....	212	1,300	2	3	5	2
.....	2,900	\$3,775	.....	.....	2,900	.....	231	2,900	5	8	13	

Saline County—Tenth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE—				
			Mine run.	Lump.	Egg.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	O'Gara Coal Co., No. 9.....	Harrisburg....	64,715	106,446	.....	6,885	30,528
2	O'Gara Coal Co., No. 3.....	do.....	104,116	68,966	.....	.....	17,805
3	O'Gara Coal Co., No. 4.....	do.....	140,051	18,154	.....	.....	13,964
4	O'Gara Coal Co., No. 1.....	do.....	13,679	81,377	.....	182	43,981
5	O'Gara Coal Co., No. 7.....	Carrier Mills..	32,061	74,962	952	.....	27,051
6	O'Gara Coal Co., No. 6.....	Harrisburg....	20,559	68,599	.....	340	25,899
7	Saline County Coal Co., No. 1.....	Ledford.....	106,646	.....	.....	.....	.....
8	O'Gara Coal Co., No. 5.....	do.....	8,725	49,737	1,001	3,865	37,443
9	O'Gara Coal Co., No. 10.....	Eldorado.....	28,304	40,614	1,380	12,332	18,009
10	O'Gara Coal Co., No. 14.....	Ledford.....	23,872	51,472	.....	231	23,845
11	O'Gara Coal Co., No. 2.....	Harrisburg....	39,000	35,447	.....	.....	9,892
12	O'Gara Coal Co., No. 12.....	do.....	25,587	32,515	.....	412	17,939
13	O'Gara Coal Co., No. 8.....	Eldorado.....	8,879	29,712	2,483	15,133	15,424
14	O'Gara Coal Co., No. 11.....	do.....	20,469	7,381	.....	51	3,247
15	National Mining Co. No. 1.....	do.....	2,530	11,300	130	8,340	7,200
16	Galatia Coal Co.....	Galatia.....	25,302	.....	.....	.....	.....
17	Wasson Coal Co., No. 1.....	Harrisburg....	4,085	1,972	668	1,055	2,885
18	Saline County Coal Co.....	Ledford.....	8,009	.....	.....	.....	.....
Totals			676,589	676,654	6,614	48,826	295,112
LOCAL MINES.							
1	Jobe Ingram	Harrisburg....	.....	1,200	.....	500	.....
2	Moore & Baker	Ledford.....	.....	800	.....	400	.....
3	J. E. Dobyns	Eldorado.....	.....	1,000	.....	.....	.....
4	Lewis Dunn.....	Mitchellville..	.....	90	.....	24	.....
5	Logan Dunn	do.....	.....	30	.....	24	.....
6	Warfield & Ingram	Harrisburg....	.....	30	.....	10	.....
Totals .....			.....	3,150	.....	958	.....
Totals—24 mines			676,589	679,804	6,614	49,784	295,112

Mines reported for 1906, 22.

New mines, 3.

Abandoned mines, 1.

Mines in 1907, 24.

Saline County—Tenth District—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.				Days of active operation.	Tons mined by hand.	EMPLOYEES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.			Average number of miners.	All other employes.	Total.	Number.
.....	208,574	\$211,727	205,979	.....	.....	2,595	219	.....	75	99	174	1
.....	188,887	198,046	154,652	30,100	.....	4,135	272	.....	91	73	164	2
.....	172,169	167,515	159,932	.....	10,003	2,234	235	.....	82	65	147	3
.....	139,219	131,481	136,868	.....	92	2,259	212	139,219	140	136	276	4
.....	135,026	140,236	132,064	.....	1,417	1,545	220	.....	48	68	116	5
.....	115,397	119,229	112,499	.....	723	2,175	233	115,397	70	61	131	6
.....	106,646	101,314	103,976	.....	350	2,320	113	13,720	80	44	124	7
.....	100,771	87,759	99,076	.....	577	1,118	234	100,771	59	49	108	8
.....	100,639	103,096	93,251	.....	5,081	2,307	226	.....	63	60	123	9
.....	99,420	87,596	97,982	.....	179	1,259	211	99,420	63	51	114	10
2,424	86,763	87,452	82,766	.....	1,573	2,424	262	.....	50	47	97	11
.....	76,453	73,033	73,567	.....	783	2,103	231	76,453	48	37	85	12
.....	71,631	55,476	69,486	.....	19	2,126	217	.....	54	37	91	13
.....	31,148	28,859	30,440	.....	.....	708	109	.....	48	67	115	14
1,100	30,600	32,037	28,950	.....	.....	1,650	274	30,600	32	20	52	15
.....	25,302	22,772	16,902	.....	7,500	900	140	25,302	35	18	53	16
398	11,063	9,983	10,665	.....	.....	398	89	11,063	30	38	68	17
.....	8,009	7,609	7,310	.....	20	679	131	1,881	10	21	31	18
3,922	1,707,717	\$1,665,219	1,616,365	30,100	28,317	32,935	213	613,826	1,078	991	2,069	
.....	1,700	\$2,600	.....	.....	1,700	.....	200	1,700	12	.....	12	1
.....	1,200	2,300	.....	.....	1,200	.....	100	1,200	3	.....	3	2
.....	1,000	1,500	.....	.....	1,000	.....	60	1,000	3	.....	3	3
.....	114	159	.....	.....	114	.....	55	114	2	.....	2	4
.....	54	52	.....	.....	54	.....	50	54	2	.....	2	5
.....	40	75	.....	.....	40	.....	20	40	2	.....	2	6
.....	4,108	\$6,686	.....	.....	4,108	.....	61	4,108	24	.....	24	
3,922	1,711,825	\$1,671,905	1,616,365	30,100	32,425	32,935	.....	617,934	1,102	991	2,093	

Williamson County—Tenth District—1907.

Number.	NAME OF OPERATOR.	Postoffice address of the mine.	OUTPUT OF MINE				
			Mine run.	Lump.	E ^g g.	Nut.	Pea or screenings.
SHIPPING MINES.							
1	Big Muddy Coal & Iron Co., No. 7...	Herrin	123,725	93,888	38,014	219,567	4,112
2	Chicago & Cartersville Coal Co., A...	do.	18,041	147,244	42,202	188,671	43,639
3	Big Muddy Coal & Iron Co., No. 8...	Clifford	177,168	70,439	14,478	106,692	4,248
4	Sunnyside Coal Co., No. 1	Herrin	11,977	142,553	21,330	165,274	7,796
5	Peabody Coal Co., No. 3	Marion	630	69,412	67,879	4,213	11,853
6	Western Coal Mining Co., No. 1	Bush	171,654	38,857	12,088	.....	78,294
7	Chicago & Big Muddy Coal Co.	Marion	9,488	52,666	41,696	37,544	88,983
8	Cartersville Coal Co., C	Cartersville	20,120	35,760	51,406	33,525	51,405
9	Cartersville Dist. Coal Co., No. 6	Marion	12,606	37,051	36,214	40,897	76,109
10	Madison Coal Co., No. 8	Dewmaine	9,113	62,080	25,721	57,995	34,165
11	Chicago & Herrin Coal Co., No. 1	Herrin	13,174	89,174	8,836	15,916	44,604
12	Cartersville & Big Muddy C. Co., No. 1	Cambria	7,199	91,122	5,977	.....	61,838
13	Chicago & Marion Coal Co., No. 1	White Ash	150,554	.....	.....	.....	.....
14	Hafer Washed Coal Co., No. 3	Cartersville .....	.....	21,350	22,300	.....	93,451
15	St. L. & Cartersville Coal Co., Walnut Ridge.	Herrin	133,754	599	364	.....	801
16	Williamson Co. Coal Co., No. 1	Johnston City	20,467	23,486	25,773	10,358	45,476
17	Donaly & Koennecke Coal Co., No. 1	Cartersville	12,834	32,963	16,863	21,195	21,548
18	Cartersville Mining Co., No. 1	Herrin	430	19,028	15,916	.....	68,578
19	Peabody Coal Co., No. 2	Marion	10,746	16,887	16,027	19,968	37,256
20	Robert Dick Coal Co.	Cambria .....	.....	15,142	19,000	.....	56,427
21	Watson Coal Co., No. 1	Herrin	3,000	15,000	18,000	1,000	30,000
22	Cartersville & Herrin Coal Co., No. 1	do.	15,199	25,258	9,328	1,669	18,925
23	Madison Coal Co. No. 9	Cambria	33,093	17,094	253	.....	16,772
24	Cartersville Mining Co. No. 2	Herrin .....	.....	10,267	14,128	.....	40,504
25	Consumers Coal Co., No. 1	New Virginia	60,000	.....	.....	.....	.....
26	Johnston City & Cartersville Coal Co. Oak Ridge.	Johnston City	7,634	12,505	9,236	3,729	17,729
27	Cartersville Mining Co., No. 3	Cambria	6,369	11,812	2,804	.....	14,299
28	Watson Coal Co., No. 2	Herrin	10,000	4,000	1,000	.....	5,000
29	Chicago & Cartersville Coal Co., B	do.	6,247	3,554	.....	137	3,560
30	West Virginia Coal Co., Ideal	Marion	4,366	.....	.....	.....	.....
31	Hafer Washed Coal Co	Cartersville .....	.....	425	433	.....	1,347
32	Johnston City & Big Muddy Coal Co	Johnston City	82,884	31,472	22,255	26,418	55,316
Totals			1,132,472	1,191,088	559,521	954,768	1,034,335
LOCAL MINES.							
1	Hemlock Coal Co.	Herrin	500	1,000	800	200	2,400
2	J. S. McNeill	Cartersville .....	.....	3,000	.....	.....	.....
3	John A. Young	do. ....	.....	3,817	.....	.....	.....
4	J. W. Ingram	Marion .....	.....	2,415	.....	805	.....
5	Binkley & Miller	do. ....	.....	3,000	.....	3,000	.....
6	W. N. Strand	Spillertown .....	.....	813	.....	1,355	.....
7	E. E. Ensminger	Crab Orchard .....	.....	1,400	.....	.....	.....
8	Geo. A. Phillips	Cartersville .....	.....	854	.....	426	.....
9	Spiller & Whitcotten	do. ....	.....	775	.....	292	.....
10	W. S. Tarpley	Crab Orchard .....	.....	1,000	.....	.....	.....
11	T. M. Motsinger	do. ....	.....	480	.....	160	.....
12	B. P. Spiller	Marion .....	.....	176	.....	.....	.....
13	Marion Brinkley	Gibsonia .....	.....	68	.....	.....	.....
14	Johnston City & St. L. C. Co., No. 1	Johnston City	166	.....	.....	.....	.....
Totals			666	18,798	800	6,238	2,400
Totals—46 mines			1,133,138	1,209,886	560,321	961,006	1,036,735

Mines reported for 1906. 44.

New mines. 5.

Abandoned mines. 3.

Mines in 1907. 46.

Williamson County—Tenth District—1907—Concluded.

IN TONS.		Aggregate value of total product.	DISPOSITION OF OUTPUT.					Days of active operation.	Tons mined by hand.	EMPLOYEES.			
Slack or waste.	Total.		Tons loaded on cars for shipment.	Tons supplied to locomotives at the mine.	Tons sold to local trade.	Tons consumed or wasted at the mine.	Average number of miners.			All other employes.	Total.	Number	
7,354	486,660	\$486,883	462,070	25	3,441	31,124	272	480,660	240	117	357	1	
11,296	451,093	453,215	409,261	7,120	4,437	30,275	262	12,897	261	142	403	2	
13,098	386,123	351,340	354,326		1,299	30,498	268		185	107	292	3	
34,250	383,180	379,834	347,334		1,596	34,250	246	24,730	230	117	347	4	
202,272	356,259	266,474	160,451			195,808	197	348,816	225	119	344	5	
9,018	309,911	261,826	289,142		1,122	19,647	245	309,911	176	96	272	6	
	230,377	201,958	225,064	12	113	5,188	226	230,377	162	78	240	7	
31,289	223,505	221,159	217,001		504	6,000	176	223,505	142	96	238	8	
	202,877	182,727	197,392			5,485	235		112	77	189	9	
15,756	204,830	186,072	175,330	2,418	1,417	25,665	154	204,830	203	134	337	10	
1,495	173,199	170,369	168,578		3,126	1,495	205	173,199	125	58	183	11	
	166,136	171,499	164,276		480	1,380	248	166,136	125	29	154	12	
	150,554	150,554	150,554				180	50,000	140	58	198	13	
	137,101	113,431	134,928		80	2,093	134	137,101	129	39	168	14	
	135,518	126,048	133,040	890	311	1,277	214	135,518	124	39	163	15	
2,970	128,530	127,284	125,560			2,970	195	128,530	150	60	210	16	
8,776	114,179	114,631	110,312		217	3,650	204	114,179	90	41	131	17	
	103,952	84,435	101,712		27	2,213	230	103,952	86	30	116	18	
1,597	102,481	102,031	97,274			5,207	170	50,400	78	58	136	19	
	90,569	69,941	85,000			5,569	178	90,569	78	32	110	20	
10,000	77,000	65,360	73,700	2,000	500	800	145	77,000	56	40	96	21	
1,844	72,223	71,231	70,364		15	1,844	171	72,223	59	36	95	22	
2,430	69,642	65,349	67,212			2,430	108	69,642	70	28	98	23	
3,774	68,973	65,779	65,101		100	3,772	209	68,973	57	23	80	24	
	60,000	60,000	60,000				120	60,000	80	46	126	25	
2,800	53,633	47,756	50,240		593	2,800	211	53,633	58	24	82	26	
2,950	38,234	38,876	34,971		313	2,950	258	38,234	44	28	72	27	
	20,000	17,700	18,200	1,100		700	167	20,000	18	6	24	28	
1,285	14,783	13,520	12,983			1,800	143	14,783	33	25	58	29	
	4,366	3,493	3,040	111	500	715	61	666	8	10	18	30	
	2,205	1,887	1,722		138	345	69	2,205	5	2	7	31	
	218,345	187,350	215,345			3,000	225	218,345	140	73	213	32	
364,254	5,236,438	\$4,845,012	4,781,483	13,676	20,329	420,950	199	3,687,014	3,689	1,868	5,557		
	4,900	\$4,360			4,300	600	154	4,900	6	3	9	1	
1,000	4,000	4,550			4,000		244	4,000	4	3	7	2	
	3,817	5,726			3,817		153	3,817	4	2	6	3	
	3,226	4,629			3,220		175	3,220	6	3	9	4	
	6,000	8,100			6,000		200	6,000	5	4	9	5	
	2,168	2,913			2,168		208	2,168	3	1	4	6	
	1,400	1,400			1,400		140	1,400	3	1	4	7	
	1,280	1,622			1,280		103	1,280	2	1	3	8	
	1,067	1,188			1,067		90	1,067	3	2	5	9	
	1,000	1,000			1,000		65	1,000	3	1	4	10	
	640	880			640		125	640	2		2	11	
88	264	327			264		68	264	3	2	5	12	
24	92	112			92		30	92	1		1	13	
	166	166			100	66	15	166	3	7	10	14	
1,112	30,014	36,961			29,348	666	127	30,014	48	30	78		
365,366	5,266,452	\$4,881,973	4,781,483	13,676	49,677	421,616		3,717,028	3,737	1,898	5,635		

Shipping Mines—Recapitulation by

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Gallatin	2	76	22,883	.....	22,773	8,812	4,384	68,928	\$0.51	.....
Jackson	10	42,364	278,212	62,503	110,900	151,907	39,847	685,733	.5275	\$0.4633
Saline	18	676,589	676,654	6,614	48,826	295,112	3,922	1,707,717	.5114	.4443
Williamson	32	1,132,472	1,191,088	559,521	954,768	1,034,335	364,254	5,236,438	.48	.4075
Totals and av.	62	1,851,501	2,178,837	628,638	1,137,267	1,490,166	412,407	7,698,816	\$0.5102	\$0.4575

Local Mines—Recapitulation by

COUNTIES.	Number of mines.	PRODUCTION OF DIFFERENT GRADES IN TONS.						Total tons produced.	PRICES PAID PER TON FOR	
		Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.		Hand mining.	Machine mining.
Gallatin	8	.....	18,230	.....	.....	.....	1,750	19,980	\$0.51	.....
Jackson	8	2,564	14,522	.....	.....	2,544	.....	19,630	.6018	\$0.57
Johnston	2	.....	2,500	.....	400	.....	.....	2,900	.76	.....
Saline	6	.....	3,150	.....	958	.....	.....	4,108	.75	.....
Williamson	14	666	18,798	800	6,238	2,400	1,112	30,014	.5121	.....
Totals and av.	38	3,230	57,200	800	7,596	4,944	2,862	76,632	\$0.5223	\$0.57
Totals, district— all mines	100	1,854,731	2,236,037	629,438	1,144,863	1,495,110	415,269	7,775,448	.....	.....

Whole number of mines reported in 1906, 97.

Number of new mines opened during the year, 12.

Number of mines abandoned during the year, 9.

Whole number of mines reported for 1907, 100.

Counties—Tenth District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employees.	Total.
168	68,928		\$1.3200	\$1.1047		\$1.0011	\$0.77	\$0.2330	65	37	102
162	341,411	344,322	.9600	1.4138	\$1.2263	1.1957	.7746	.4841	648	532	1,180
208	613,826	1,093,891	.9813	1.1689	1.0847	1.0083	.5481	.41	1,078	991	2,069
212	3,687,014	1,549,424	.9232	1.1879	1.2102	.9995	.6003	.3633	3,689	1,868	5,557
202	4,711,179	2,987,637	\$0.945	\$1.21	\$1.21	\$1.019	\$0.602	\$0.374	5,480	3,428	8,908

Counties—Tenth District—1907.

Average No. of days in operation.	HOW MINED.		AVERAGE VALUE AT THE MINE.						EMPLOYES.		
	Tons mined by hand.	Tons mined by machine.	Mine run.	Lump.	Egg.	Nut.	Pea or screenings.	Slack or waste.	Number of miners.	All other employees.	Total.
164	19,980			\$1.3796				\$0.4880	28	33	61
154	18,895	735	\$0.75	1.2072			\$0.8764		32	5	37
231	2,900			1.4100		\$0.8755			5	8	13
61	4,108			1.7246		1.3198			24		24
127	30,014		\$1.00	1.31	\$1.50	1.165	.40	.5090	48	30	78
126	75,897	735	\$0.8015	\$1.3526	\$1.50	\$1.1631	\$0.6060	\$0.4945	137	76	213
.....	4,787,076	2,988,372							5,617	3,504	9,121

APPENDIX

Bureau of Labor Statistics and Miners' Examining Board Law.

Register of Certificated Mine Managers, Hoisting Engineers,
Mine Examiners.

NINTH ANNUAL REPORT
ILLINOIS FREE EMPLOYMENT OFFICES.

BUREAU OF LABOR STATISTICS.

AN ACT to create a Bureau of Labor Statistics, and to provide for a Board of Commissioners and Secretary.

SECTION 1. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That it shall be the duty of the Governor, with the advice and consent of the Senate, to appoint a board of commissioners of labor, to consist of five members, who shall hold office for two years, three of whom shall be manual laborers, the remaining members of the commission shall be manufacturers or employers of labor, in some productive industry, and they shall meet annually on the first Monday in September at the State capital, when they shall organize by electing a president from among themselves and appointing a secretary, who shall hold office for a term of two years or until his successor is appointed; the said secretary to have no voice in the deliberations of said board nor to be selected from the said commissioners.

§ 2. The duties of such board shall be to collect, assort, systematize and present in biennial report to the General Assembly, statistical details relating to all departments of labor in the State, especially in its relations to the commercial, industrial, social, educational and sanitary conditions of the laboring classes, and to the permanent prosperity of the mechanical, manufacturing and productive industry of the State.

It shall be the duty of every employer of labor in this State to afford to the State Commissioners of Labor or their representatives every facility for procuring statistics of the wages and conditions of their employés for the purpose of compiling and publishing statistics of labor and of social and industrial conditions within the State as required by law. Any person who shall hinder or obstruct the investigation of the agents of the commissioners or shall neglect or refuse, for a period of ten days to furnish the information called for by the schedules of the commissioners as provided above, shall be adjudged guilty of a misdemeanor and be subjected to a fine of one hundred dollars.

Section 2 amended and approved June 1, 1908.

§ 3. The compensation of said commissioners shall be \$5.00 per day for thirty (30) days of each annual session, and the compensation of said secretary shall be twenty-five hundred dollars (\$2,500.00) per annum. The amount accruing to said commissioners to be paid to

them at the expiration of their said annual session of thirty days, and the Auditor of Public Accounts being hereby authorized to issue his warrant on the treasury in their favor for the amount specified in this section, and the secretary shall be paid quarterly in the same manner. The Auditor is further directed and authorized to draw his warrant for the actual traveling, incidental and office expenses of said commissioners and their secretâry on their vouchers sworn to by them, and approved by the president of the board and the Governor.

Approved May 29, 1879, in force July 1, 1879. Amended and approved May 15, 1903. Amended and approved June 1, 1908.

MINERS' EXAMINING BOARD.

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| <p>§ 1. Miners to obtain certificates of competency—exemptions.</p> <p>§ 2. Miners' Examining Board—appointment — organization — compensation, etc.</p> <p>§ 3. Meeting place—notice—book of registration.</p> <p>§ 4. Examination fee—report, etc.</p> | <p>§ 5. Time of meeting—examination of applicants—record of proceedings, etc.</p> <p>§ 6. Violations—penalty.</p> <p>§ 7. Complaints — investigations—prosecutions, etc.</p> <p>§ 8. Administration of oath.</p> <p>§ 9. Repeal.</p> |
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(SENATE BILL NO. 213. APPROVED JUNE 1, 1908.)

AN ACT to provide for the safety of persons employed in and about coal mines and to provide for the examination of persons seeking employment as coal miners, and to prevent the employment of incompetent persons as miners, and providing penalties for the violation of the same.

SECTION I. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That hereafter no person who-soever shall be employed or engaged as a miner in any coal mine in this State without having obtained a certificate of competency and qualification so to do from a "Miners' Examining Board" of some county of this State, except that any miner employed in the State when this Act becomes effective, who has been employed at least two years in the coal mines, shall be entitled to a certificate permitting him to work in the mines of this State as a practical miner: *Provided*, that the above provisions shall not prevent the employment of persons not having such certificate who are employed or engaged to work with or under the direction of a miner having such certificate, for the purpose of becoming qualified to receive such certificate under the provisions of this Act.

§ 2. In each county of the State where the business of coal mining is carried on, there shall be created a board to be styled the "Miners' Examining Board," to consist of three miners who shall be appointed by the circuit judges of the judicial district in which such county shall lie; such appointment to be made immediately after this Act shall go into effect, and annually thereafter at the first term of court in each year, all vacancies to be filled by such judges as they occur; and the members of such boards shall be experienced and skillful miners actually engaged in said business in their respective districts.

Each of said boards shall organize by electing one of the members president, and one member secretary; and every member of said board shall, within ten days after his appointment, take and subscribe an oath

or affirmation before a properly qualified officer of the county in which he resides, that he will honestly and impartially discharge his official duties.

Members of said board shall receive as compensation for their services three 50-100 dollars (\$3.50) per day for each day actually engaged in their official duties, and all legitimate and necessary expenses incurred in attending the meetings of said board under the provisions of this Act, and no part of the salary of the said boards, or the expenses thereof shall be paid out of the State treasury.

§ 3. Each of said examining boards shall designate some convenient meeting place in their respective counties, of which due notice shall be given by advertisement in two or more newspapers of the proper county. At such meeting a book of registration shall be open in which shall be registered the name and address of each and every person to whom they have issued certificates of competency under this Act.

§ 4. Each applicant for examination for the certificate herein provided, shall pay a fee of one dollar, and the amount derived from this source shall be held by said boards and applied to the expense and salaries herein provided and such as may arise under the provisions of this Act. The said boards shall report in writing annually to the court appointing them and to the State inspectors of mines, all moneys received and disbursed under the provisions of this Act, together with the number of miners examined under this Act and the number failing to pass the required examination.

§ 5. It shall be the duty of said boards to meet on the first Wednesday of each month, but when said day falls on a legal holiday then the day following, and said meeting shall be public, and if necessary, the meeting shall be continued to cover whatever portion may be required of a period of three days in succession, or for the first session of the respective boards hereunder such longer period as may be required to examine all applicants for examination presenting themselves, and examine under oath all persons who desire to be employed as miners in the respective counties; and said board shall grant such persons as may be qualified, certificates of competency or qualification which shall entitle the holders thereof to be employed as and to do the work of miners as may be expressed in said certificate and such certificate shall be good and sufficient evidence without an examination in any other county of the State of competency under this Act.

Every person applying for a certificate of competency, or to entitle him to be employed as a miner must produce evidence of having had not less than two years of practical experience as a miner or with a miner, and in no case shall an applicant be deemed competent unless he appear in person before the said board and orally answer intelligently and correctly at least twelve practical questions propounded to him by said board pertaining to the requirements of a practical miner. The said board shall keep an accurate record of the proceedings of their meetings and in said record shall show a correct detailed account of the examination of each applicant with questions asked and their answers

and at each of these meetings the board shall keep said record open for public inspection. Any miners' certificate granted under the provisions of this Act shall not be transferable, and any transfers of the same shall be deemed a violation of this Act. Such certificates shall be issued only at meetings of said boards, and said certificates shall not be legal unless then and there signed by at least two members of such board.

§ 6. That no person shall hereafter engage as a miner in any coal mine without having obtained such certificate as aforesaid. And no person shall employ any person as a miner who does not hold such certificate as aforesaid, and no mine foreman or superintendent shall permit or suffer any person to be employed under him, or in the mines under his charge and supervision as a miner, who does not hold such certificate. Any person or persons who shall violate or fail to comply with the provisions of this Act shall be guilty of a misdemeanor, and on conviction thereof shall be sentenced to pay a fine of not less than one hundred dollars and not to exceed five hundred dollars, or shall undergo imprisonment in the county jail for a term of not less than thirty days and not to exceed six months, or either, or both, at the discretion of the court.

§ 7. It shall be the duty of the several miners' examining boards to investigate all complaints or charges of non-compliance or violation of the provisions of this Act, and to prosecute all persons so offending; and it shall be the duty of the prosecuting attorney of the judicial district wherein the complaints or charges are made to investigate the same and prosecute all persons so offending, and it shall at all times be the duty of such prosecuting attorney to prosecute such members of the Miners' Examining Board as have failed to perform their duty under the provisions of this Act. Upon conviction of any member of the Miners' Examining Board for any violation of this Act, in addition to the penalties herein provided, his office shall be declared vacant, and he shall be deemed ineligible to act as a member of the said board.

§ 8. For the purpose of this Act the members of the said Miners' Examining Board shall have the power to administer oaths.

§ 9. An Act entitled "An Act in relation to the safety and competency of coal miners, and to punish for infraction of same," approved June 7, 1897, in force July 1, 1897, is hereby repealed.

Approved June 1, 1908.

MINE MANAGERS HOLDING CERTIFICATES OF COMPETENCY.

NOTE—This list includes all the mine managers to whom certificates have been issued prior to January 1, 1908.

The names which are printed in *italic* are those who hold both certificates of service and subsequent certificates of competency acquired through examination.

The names which are followed by the abbreviation "ex." are those who have exchanged certificates of service for those of competency, without examination, under the provisions of the amendment of 1895. Names followed by the letter "d" are deceased.

The postoffice addresses here given, and in all the lists following, are those recorded at the time the certificates were issued, and in many cases are not the present addresses of the certificate holders.

Name.	Postoffice.	Name.	Postoffice.
<i>Adams, Charles L.</i>	Rosboro	Baker, Charles.....	Centralia
Adams, J. M.....	Wanlock	Baker, Gustav.....	Streator
Adams, Horace L.....	Staunton	<i>Baker, Samuel G.</i>	Auburn
Ainsworth, Samuel (d).....	Taylorville	Back, Thomas.....	Mapleton
Ainsworth, Samuel, Jr.....	Taylorville	Bailey, William.....	Athens
Ainsworth, Thomas.....	Taylorville	Bailey, Joseph.....	Duquoin
Aitken, James.....	Streator	Baird, J. D.....	Westville
Alexander, J.....	Collinsville	Ball, Edward.....	Bartonville
Allen, Fred.....	Staunton	Barlow, Henry.....	Coffeen
Allen, David T.....	LaSalle	Barlow, John W.....	Johnson City.....
<i>Amberger, Joseph.</i>	Glen Carbon	Barnes, James.....	Braidwood
Amerson, Wm. A.....	Moweaqua	Barnett, Oliver.....	Bryant
Anderson, Alexander.....	Danville	Baratt, John C.....	Duquoin
Anderson, W. C.....	Elmwood	Barron, James, ex.....	Cantrall
Anderson, George.....	Streator		Braidwood
Anderson, James.....	Ladd	Barrowman, William T.....	DeSoto
Anderson, James C.....	Streator	Bartlett, Thomas, ex.....	Cuba
Anderson, John M.....	Streator	<i>Bashong, Andrew.</i>	Danville
Anderson, James.....	Kewanee	<i>Barwell, John.</i>	Marrissa
<i>Andreas, Aug.</i>	Belleville	Basso, Joseph.....	Athens
<i>Augel, Hiram.</i>	Belleville	Bates, W. H.....	Winchester
Angell, Charles.....	Belleville	Bates, R. D.....	Winchester
Apblett, William R.....	Springfield	Bauder, Fred.....	Herrin
Appleby, John E.....	Peoria	Baumer, Fred.....	Marquette
Argyle, Joseph.....	Coal City.....	Bauer, Valentine.....	Clyde
Atkinson, Edward.....	Streator	Baxter, William (d).....	Ladd
<i>Atkinson, F. Lee.</i>	Streator	Baywill, George.....	Johston City.....
Atkinson, J. G.....	Pekin	Beaghan, Peter.....	Cantrall
Atkinson, William (d).....	Murphysboro	<i>Beattie, Richard.</i>	Murphysboro
Atkinson, William.....	Braceville	Beattie, John.....	Danville
Armstrong, Thomas J.....	Spring Valley.....	Beatty, James.....	Mascontah
Armstrong, William C.....	Marion	Beatty, James H.....	Mascontah
Archer, John.....	Barclay	Beatty, Nephi.....	Mascontah
Ash, T. G.....	Girard	Becker, Henry.....	Peoria
Aston, Huber, ex.....	Fairmount	Becker, Peter.....	Petersburg
Archibald, David.....	Freeburg	Becker, F. W.....	Pinckneville
Ax, John.....	Edwardsville	Becker, Charles.....	Staunton
<i>Azford, Thomas.</i>	Petersburg	Beckman, Theodore.....	Glen Carbon.....

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Beese, John.....	O'Fallon	Burris, William S.....	Gillespie
Beese, Charles A.....	Belleville	Bushong, Frank O.....	Catlin
Beese, John.....	Birkner	Butzke, Frank.....	Springfield
Beggs, David W.....	Marquette	Burke, George, ex.....	Peru
Beharrelle, Fred.....	Orchard Mines	Burkhardt, John B.....	Mt. Olive
Bell, Richard.....	Gillespie		
Bell, William.....	Streator		
Belger, John.....	Nilwood	Cadmus, George T.....	Lebanon
Beltz, Andrew.....	Harrisburg	Callear, Isaac.....	Pottstown
Bengston, John A., ex.....	Galva	Cameron, David J.....	Pana
Bennett, James.....	Odin	Cameron, D. S., ex.....	Sorento
Bennett, John (d).....	Centralia	Campbell, William.....	Sandoval
Berkstresser, W. A.....	Duquoin	Campbell, Edward.....	Greenview
Berry, Jessair.....	Greenview	Campbell, Frank J.....	Athens
Betts, Joseph E.....	Belleville	Campbell, Thomas N. (d).....	Pinckneyville
Betts, Charles C.....	Duquoin	Campbell, H. J.....	Assumption
Bevard, John J.....	Kimnundv	Campbell, R. W.....	Decatur
Bevard, F. C.....	Carterville	Canfield, R. A.....	Madisonville, Ky.
Benvon, J. G.....	Belleville	Cannon, John.....	Marquette
Beveridge, David.....	Sorento	Cardwell, Elliott.....	Zeigler
Beggs, Samuel, ex.....	Clark City	Carragher, Thomas.....	O'Fallon
Biebel, Henry, ex.....	Rentschler	Carroll, A. W.....	Gillespie
Biggins, James.....	Sorento	Carlson, Andrew.....	Colfax
Bingham, Robert.....	O'Fallon	Carson, J. H.....	O'Fallon
Bird, George.....	Coffeen	Carson, Charles W.....	Wolcott
Birtin, Henry.....	Pana	Carter, Charles.....	Birkner
Birtley, William P.....	Springfield	Carter, George.....	Birkner
Blair, Gus.....	Murphysboro	Cartledge, Oscar.....	Gillespie
Blair, Herbert.....	Divernon	Carroll, John (d).....	O'Fallon
Blankenship, William F.....	East Peoria	Caayrlon, J.....	Oglesby
Blenkinsopp, Thomas N.....	Cable	Casely, James F.....	Selytown
Bobell, Louis.....	Mt. Pulaski	Cashen, W. P.....	Williamsville
Boetticher, F. J.....	Braidwood	Catheart, Matthew, ex.....	Tilden
Boston, G. W.....	Athens	Center, George H.....	Halidayboro
Boston, James.....	Murphysboro	Chalderton, John.....	Lenz Station
Boston, John W.....	Duquoin	Chambers, William.....	Spaulding
Bottomly, Edward.....	Tallula	Chambers, George W.....	Nokomis
Bottomly, John.....	Oglesby	Champe, William.....	Coffeen
Bowen, M. I.....	Oglesby	Charnock, James.....	Decatur
Bowers, Robert.....	Staunton	Charlton, George R.....	Greenview
Bowie, James.....	Wenona	Cherry, John T.....	Seatonville
Bowie, George.....	Braidwood	Cherry, James.....	Seatonville
Bowie, Robert.....	Johnston City	Cherry, W. S.....	Streator
Boyer, J. A.....	Braidwood	Chere, George.....	Pleasant Plains
Bracken, James A.....	Fairmount	Checklin, David.....	Reed City
Bradenberger, F.....	Greenview	Chivers, Joseph.....	Braceville
Breeze, John A.....	Belleville	Connolly, Terrance J.....	Assumption
Brennan, John I.....	Taylorville	Christie, David.....	Murphysboro
Brennan, Patrick.....	Virden	Church, Henry M.....	Marissa
Brennan, George.....	Toluca	Clark, Martin.....	Collinsville
Brenanmen, William.....	Belleville	Clark, Edward.....	Decatur
Brinley, William R.....	Springfield	Clark, Quinton.....	Decatur
Brickhouse, Samuel.....	Westville	Clark, Thomas.....	Braidwood
Brieham, William.....	Caseyville	Clark, John.....	Decatur
Brooks, Peter (d).....	Marissa	Clark, Walter J.....	Collinsville
Browitt, Andrew.....	Taylorville	Clayton, Frank.....	Troy
Browitt, Benjamin.....	Bush	Clelland, Robert.....	Braidwood
Brown, Andrew.....	Braidwood	Clifford, Michael J.....	Kewanee
Brown, John.....	Staunton	Coar, Firman.....	Worden
Brown, John.....	Glen Carbon	Coleman, Mont. S.....	Virden
Brown, John K.....	Braidwood	Collier, Frank J.....	Bartonville
Brown, Thomas Manhall.....	Pinckneyville	Collins, Richard J., ex.....	O'Fallon
Brown, William J.....	Coal City	Combs, James W.....	Kewanee
Brown, William F.....	Pontiac	Comford, L.....	Cantrall
Brown, James B.....	Murphysboro	Condie, Malcomb.....	Spring Valley
Brown, F. M.....	Farmington	Conity, Patrick.....	Duquoin
Brown, Leslie.....	Peoria	Cooper, Charles.....	Nilwood
Browning, J. M.....	Duquoin	Cook, Robinson.....	Riverton
Brueckner, Emil.....	Staunton	Cook, William.....	Peoria
Brueggeman, George.....	Belleville	Cook, William.....	Duquoin
Bulmer, John, ex.....	St. John	Cokelev, Thomas E.....	Harrisburg
Bulmer, Benjamin.....	Muddy Valley	Cox, Walter E.....	Danville
Bundy, Jenn.....	Streator	Condon, Charles H.....	Hanna City
Burdett, J. P.....	Colchester	Connors, William.....	Toluca

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Connell, Nicol E.	Peoria	Dickenson, Thomas F.	Norris
Conrad, William	Springfield	Dickinson, William T.	Athens
Considine, John	Belleville	Dodd, William (d)	Cable
Cosgrove, Bernard	Sparta	Dodge, H. N.	St. David
Costella, Henry (d)	Pana	Donahoe, James	Cartersville
Castor, George	Grape Creek	Donaldson, William	Kangley
Corcoran, Charles	Murphysboro	Donaldson, James W.	Peoria
Corrigan, James	Marselles	Donaldson, John A.	Himrod
Courtney, James D.	Westville	Donnelly, James	Cartersville
Cowell, William	Assumption	Dooley, Harry	Springfield
Cox, Eugene	Centralia	Dooner, P. J.	Glenburn
Craine, John E.	Murphysboro	Donnelly, P. H.	Chicago
Craine, B. S.	Murphysboro	Donelly, Henry	Braidwood
Crane, Roy E.	Tomaroa	Doughty, James	Danville
Crampton, Edward	Murphysboro	Dougherty, Daniel	Virginia
Crauch, J. E.	Virden	Dougherty, Thomas	Marion
Crankshaw, Thomas	Decatur	Dowell, Thomas	Muddy Valley
Crankshaw, William	Decatur	Downing, Timothy	Briar Bluff
Cricketon, Lawson	Taylorville	Drake, George	Streator
Crighton, Robert	Chenoa	Ducas, J.	Grape Creek
Crowder, Richard A.	Moccasin	Duddy, John	Pana
Cruikshanks, John	Farmington	Dudek, John	Kimmundy
Cruikshanks, Walter E.	East Peoria	Duffner, J. W.	Belleville
Cruikshanks, William	Middle Grove	Duncan, Charles	Streator
Cryer, James T.	Spring Valley	Duncan, John C.	Murphysboro
Cumming, Ambrose B.	Sparland	Dunn, James	Collinsville
Cumming, James P.	Sparland	Dunnigan, Virgil B.	Virden
Cumming, John P.	Braceville	Dunnigan, Oscar	Virden
Cumming, Thomas S.	Gardner	Dunham, John F., (d)	Springfield
Cumming, D. H.	Gardner	Dunlop, John	Odin
Cunningham, Thomas	Girard	Durkin, Michael	Sunfield
Cunningham, Cormick (d)	Springfield		
Cunningham, David	Gillespie		
Currie, Adam	LaSalle		
Daenzer, Anton	Belleville	Eadie, John	Sherman
Daid, Dave M.	Edwardsville	Earl, William	Braidwood
Dale, Henry	Murphysboro	Eaton, A. C.	Zeigler
Dale, John	Fredonia	Eccles, John	Salem
Daniels, James	Belleville	Edwards, S. E.	Centralia
Daniels, Samuel	Belleville	Edwards, Thomas	Springfield
Danie's, Alexander	Henry	Edmunds, Morgan	Mt. Olive
Daniels, Joel S.	Belleville	Ehret, Frank A.	Wesley
Danny, William	Lincoln	Eller, William	Edwardsville
Danezer, Arthur J.	Glen Carbon	Ellington, Jacob	Dowmaine
Davis, Calch	Collinsville	Emery, Charles	Brees
Davis, J. H.	Cuba	Emery, Joseph	Belleville
Davis, Thomas	Dunfermline	English, Thomas	Streator
Davis, Thomas M.	Virden	Erwin, William	Belleville
Davis, P. J.	Percy	Essex, George W.	Soperville
Davis, William	Litchfield	Eubanks, Edward	Halifaxboro
Davis, Rees P.	Springfield	Evans, George	Lincoln
Davis, William H.	Streator	Evans, Edward J.	Glassford
Davison, Matt	Duquoin	Evans, Harry M.	Harrisburg
Davison, James	Sparta	Evans, John Nine, ex.	LaSalle
Davison, Forest	Sandoval	Evans, John O., ex.	O'Fallon
Davenport, John	Harrisburg	Evans, John	Rissol
Dawkins, William E.	Belleville	Evans, Albert E.	Streator
Dawson, Daniel	Campbell Hill	Evans, William	Norris
Dawson, Richard	Athens	Evans, William H.	Harrisburg
Dawton, John	Pekin	Evans, John O., Jr.	Caseville
Deans, Henry	Percy		
Deaton, Abraham L.	Middletown	Fagan, Michael	Spring Valley
Deeney, George H.	Farmington	Fagan, Patrick T. (d)	Decatur
Denny, John L.	Springfield	Fanke, Anton	O'Fallon
Dennv, Lawrence	Springfield	Fairbairn, Thomas	Streator
Devlin, Henry	Toluca	Fairlie, James	Gilchesst
Devlin, Thomas H.	Spring Valley	Falcett, John B.	Glen Carbon
Devlin, Francis I.	So. Wilmington	Falcomer, George P.	Belleville
Diamond, Peter	Duquoin	Farnsworth, Lawrence ex	Barclay
Dick, Robert	Duquoin	Farnsworth, Thomas J.	Spaulding
Dickerson, James E.	Belleville	Felker, John	Danville
Dickerson, J. L.	Danville	Fellows, Edward	Streator
		Ferguson, John	Reed City
		Ferguson, Walter	Braidwood

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Ferguson, William.....	Duquoin.....	Grumlich, Jul. M.....	Belleville.....
Ficker, A. W.....	Worden.....	Gray, Thomas R.....	Springfield.....
Finfrock, M. M.....	Pana.....	Gray, Peter.....	Pana.....
Fisher, Stephen.....	Gillespie.....	Green, Arthur.....	Braceville.....
Flavel, Jonah.....	Duquoin.....	Green, Thomas H.....	Springfield.....
Fleming, James.....	Decatur.....	Green, W. H.....	Belleville.....
Fleming, Jacob.....	Kewanee.....	Green, Joseph, ex.....	Marissa.....
Fletcher, Andrew.....	Taylorville.....	Green, John W.....	Springfield.....
Fletcher, John.....	LaSalle.....	Green, John.....	Belleville.....
Fletcher, John J.....	Collinsville.....	Green, Robert.....	Springfield.....
Fletcher, T. C.....	Collinsville.....	Greenwood, John R.....	Edinburg.....
Fletcher, William.....	Collinsville.....	Greenwood, Robert.....	Duquoin.....
Flood, John.....	Spring Valley.....	Grieve, Peter.....	Collinsville.....
Flynn, Edward.....	Duquoin.....	Grieve, Peter, Jr.....	Collinsville.....
Flynn, William.....	Willisville.....	Grieve, Peter.....	Belleville.....
Flynn, John.....	Willisville.....	Grieve, Jesse.....	Belleville.....
Foley, George, ex.....	LaSalle.....	Griffin, John.....	Cantrall.....
Foley, W. E.....	Mapleton.....	Grinrod, William E.....	Belleville.....
Foley, Arthur C.....	Auburn.....	Groon, John.....	Belleville.....
Forsythe, Peter.....	Centralia.....	Grosspich, August.....	Belleville.....
Forsythe, Robert.....	Murphysboro.....	Guest, Joseph, ex.....	Belleville.....
Foster, William.....	Lincoln.....	Guest, John.....	Belleville.....
Foster, James.....	Marion.....	Guiney, Martin G.....	Marion.....
Fohl, Bernard, ex.....	Belleville.....	Guiney, James T.....	Braidwood.....
Fox, John.....	Etherley.....	Guthrie, Farquhar M.....	Gilchrist.....
Francis, T. L.....	Braidwood.....		
Frazee, William H.....	Danville.....	Haddick, John, Jr.....	Cable.....
Franklin, Bernard.....	Lincoln.....	Haddick, William, ex.....	Sherrard.....
Frew, Archibald.....	Moweaqua.....	Haddow, Thomas.....	Pana.....
Freer, James.....	Peoria.....	Hagerton, Joseph.....	St. John.....
Fremgen, Casper.....	Edwardsville.....	Halle, George.....	Ladd.....
Friska, Jan.....	Edwardsville.....	Hall, John.....	Sherrard.....
Fritz, William, ex.....	Breese.....	Hallemmner, Julius, ex.....	Golden Eagle.....
		Hall, Matthew.....	Braceville.....
Gaffigan, Michael.....	Petersburg.....	Hall, Albert.....	Herrin.....
Gaffigan, Patrick J.....	Springfield.....	Hainsel, Daniel.....	Lenzburg.....
Gabraith, George.....	Tamaroa.....	Halbert, J. A.....	Westville.....
Garrity, John.....	Riverton.....	Halbert, W. S.....	Westville.....
Gaul, Henry J.....	Ridge Prairie.....	Hamilton, Thomas.....	Nashville.....
Gavin, Barney.....	Springfield.....	Handwright, James.....	Virden.....
Geisler, Ernest.....	Golden Eagle.....	Hanley, John H.....	Springfield.....
Gell, Philip.....	Gilchrist.....	Hannah, Thomas.....	Iles Junction.....
Gentleman, L. A.....	Centralia.....	Hardin, Joseph H.....	Vandercook.....
Gibson, Michael.....	Spring Valley.....	Harding, Enos.....	Birkner.....
Gilbert, Edward.....	Niantic.....	Harding, Thomas F.....	Danville.....
Gile, William.....	Gillespie.....	Harding, William.....	Lebanon.....
Gilchrist, John W.....	Gilchrist.....	Hachat, Joseph.....	Blue Mound.....
Gilchrist, H. M.....	Gilchrist.....	Hardy, Rufus E.....	Murphysboro.....
Glass, William H.....	Pana.....	Harkes, William.....	Coal City.....
Gluck, Leo.....	Spring Valley.....	Harper, William J.....	Springfield.....
Goalby, John F.....	Gillespie.....	Harper, John.....	Colchester.....
Goddard, Benjamin B.....	Duquoin.....	Harriman, John.....	Peoria.....
Goddard, William.....	Duquoin.....	Harris, Tom.....	Mulkeytown.....
Godher, William.....	Cuba.....	Harris, James S.....	DuBois.....
Golden, George.....	Springfield.....	Harrison, Ernest.....	Streator.....
Golden, William D.....	Springfield.....	Harrison, John.....	Virden.....
Gorsuch, R. H.....	Springfield.....	Harrison, John, ex.....	Odin.....
Goodall, George.....	Assumption.....	Harrison, William.....	Murphysboro.....
Goodwin, Robert A.....	Pontiac.....	Harrison, James.....	Athens.....
Gordon, Ephriam G.....	Wanlock.....	Harrop, James T.....	Seatonville.....
Grabuck, Emil T.....	Staunton.....	Hartman, Frank, ex.....	Murphysboro.....
Grabuck, R. H.....	Staunton.....	Hartman, William.....	Freeburg.....
Graham, Hiram.....	Virden.....	Haselton, F. D.....	Spaulding.....
Graham, John W.....	Dunfermline.....	Haskins, George H.....	Grape Creek.....
Graham, Louis A.....	Jacksonville.....	Haskins, Joseph.....	Grape Creek.....
Graham, William.....	Virden.....	Hauck, Fred.....	Glen Carbon.....
Graham, David L.....	Springfield.....	Hawkins, Sidney.....	Belleville.....
Graham, John (d).....	Marion.....	Haydon, J. S.....	Springfield.....
Grannell, Ira.....	Terrin.....	Hayes, Webster.....	Edwardsville.....
Grant, Peter, Jr.....	Peoria.....	Heyes, Henry.....	Streator.....
Gratz, Gottlieb.....	Hornsby.....	Hebenstreit, Bruno (d).....	Staunton.....
Grumlich, Fred W.....	Belleville.....	Hebenstreit, E. W.....	Staunton.....
		Hebenstreit, T. G.....	Staunton.....

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Hebenstreit, J. P.	Staunton	Jeffrey, Peter	Cartersville
Hefington, W. J.	Coulterville	Jeffries, John E.	Muncie
Heintle, Walter	DeSoto	Jenkins, Alexander	Dunfermline
Helfrich, Henry	Rentchler	Jenkins, David	South Danville
Henderson, Edward	Springfield	Jenkins, Douglas	Edwardsville
Henderson, Joseph	Coal City	Jenkins, Thomas C.	Murphysboro
Henderson, J. D.	Herrin	Jenkins, J. A.	Dunfermline
Henderson, Thomas	Marissa	Jenkins, John L.	Fairbury
Hendricks, Charles W.	Belleville	Jenkins, T. E.	Danville
Henley, J. H.	New Athens	Jerrimiah, William W.	Duquoin
Henley, Richard	Niantic	Jerrell, John W.	Equality
Heppard, George	Tilden	John, Evan D.	Spaulding
Henry, Frederick	Kewanee	Johnson, Andrew	Nashville
Henry, John T.	Pontiac	Johnson, William	Danville
Henry, Philip	Kewanee	Johnson, James	Pinckneyville
Heriott, James (d)	Spring Valley	Johnston, Cochran (d)	Spring Valley
Heron, George	DeSoto	Johnston, Samuel	Oglesby
Herb, George C.	Belleville	Johnston, Aels	West Frankfort
Herzog, William	Glen Carbon	Johnston, William	Marion
Hetherington, Benj. M.	LaSalle	Johnston, William	Elmwood
Hexter, John	Freeburg	Jolly, Thomas F. (d)	Collinsville
Hibberd, George	Peoria	Jones, Charles	Marissa
Hickey, John	Springfield	Jones, Thomas	Taylorville
Hicks, Richard J.	Sherrard	Jones, David	Marissa
Higbee, A. W.	Wyoming	Jones, D. L.	Taylorville
Higbee, James	Wyoming	Jones, John T.	Lebanon
Hill, Marshall	Cartersville	Jones, Edward	Oglesby
Hill, Peter	Hillsboro	Jones, Harry D.	Riverton
Hillard, Edward	Colchester	Jones, John H.	Duquoin
Hind, John A.	Moline	Jones, Logan	Marissa
Hindson, Harvey	Canton	Jones, Robert R.	Oglesby
Hippperd, William J.	Belleville	Jones, T. L.	Ladd
Hissong, Charles	Tilden	Jones, William	Marissa
Hoffman, John	Duquoin	Jones, William E.	Sheffield
Holmes, Thomas F.	Lincoln	Jones, William E.	Wesley City
Horning, Charles A.	Harrisburg	Jones, William M.	Tamaroa
Houston, Robert	Percy	Jones, David W.	Auburn
Houston, Robert J.	Duquoin	Jordan, Robert (d)	Streator
Howell, Thomas H.	Duquoin		
Howell, D. J.	Duquoin		
Howell, John	Herrin	Kahle, Joseph	Coulterville
Howells, Eben (d)	Braceville	Kane, Charles H.	Dunfermline
Howells, T. J.	Duquoin	Kane, John M.	Springfield
Houc, James	Braidwood	Kaner, John M.	Centralia
Hove, William	Braidwood	Kay John	Pawnee
Hoddy, T. H.	Staunton	Kay, James	Sherrard
Hudson, Thomas	Etherly	Kay, George	Westfield
Hughes, James	Braidwood	Karral, Charles	Westville
Hughes, John W.	Braidwood	Karral, Edgar (d)	Braceville
Hughes, Hugh J.	Pana	Kasber, Thomas	Braidwood
Hughes, John J.	Litchfield	Keating, James A.	Streator
Humme, J. A.	Hillary	Keay, A. H. S.	Seatonville
Hummert, Henry	Breese	Keay, John (d)	Springfield
Humphreys, Edward	Murphysboro	Keefe, Edward	Colfax
Hunter, Ralph	Colchester	Keefer, William	Danville
Hunt, Albert J.	Edwards	Kell, Matthew	Dubois
Hutton, James, ex.	Tallula	Kell, Peter	Dubois
		Kelley, Bernard	Litchfield
		Kelley, D. J.	Carbon Hill
Iberson, James	Athens	Kelley, Frank S.	Centralia
Irwin, James M.	Pontiac	Kelley, Joseph G., ex.	Braidwood
Isslinghaus, William	Lebanon	Kelley, Robert, D.	Carbon Hill
Izat, William	Litchfield	Kelley, J. D. Sr.	Carbon Hill
		Kuepner, Henry	Gillespie
Jackson, George W.	Cable	Kennedy, J. W.	Pana
Jackson, E. W.	Christopher	Kenney, Thomas	Springfield
Jacobson, Charles P.	St. David	Kerr, John	Rushville
James, John	Mt. Olive	Kidd, Alexander	Oglesby
James Johan	Grape Creek	Kidd, Andrew	Oglesby
Jagues, William	Belleville	Kidd, W.	Ridge Prairie
Jagues, Richard	Belleville	Kidd, Eugene	Ridge Prairie
Jefford, R. H.	Kingston Mines	Kidd, William	Hillsboro
Jefford, Thomas H., ex.	Kingston	Kienbush, David	Edwards Station
		Killingsworth, C.	Pinckneyville

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Kincaid, Lee	Athens	Maltby, William (d)	Braidwood
Kirby, James	Athens	Mann, Jacob	Mascoutah
Kirchner, Frank	Belleville	Markham, John J.	Taylorville
Kirkwood, Martin	Birkner	Marland, John, Jr.	Wenona
Klinginfus, Otto	Belleville	Marland, John, Sr., ex. d	Wenona
Klinginfus, Emil	Belleville	Marsh, James	Riverton
Kloever, Jos	Pana	Martin, Charles	Middle Grove
Knapp, Charles	Seatonville	Martin, George	Farmington
Knies, Henry	Breese	Mason, Eli	Edinburg
Kortkamp, William	Hillsboro	Mason, Meyrick C.	LaSalle
Kortkamp, Louis	Hillsboro	Mason, Mark, Jr.	Sato
Krallman, Chas.	Glen Carbon	Massey, Alfred N.	Belleville
Kramer, Anthony F.	Sato	Massie, John G.	Marissa
Kramer, Leo	Stonington	Matthews, W. S.	Kinmundy
Krantz, Jacob	Belleville	Maxwell, Angus	Carlinville
Kreppert, William	Springfield	Maule, Alexander	Belleville
		Mauck, William	Danville
		Mays, John F.	Pana
Iacour, August	Bartonville	Medill, Duncan B.	Oglesby
Laesser, Adolph	Belleville	Meehan, Patrick	Breeds
Lauder, Alexander	Cartersville	Meehan, Peter	Williamsville
Launoe, Frank	Worden	Meykle, Benjamin	Sandoval
Large, James M.	Athens	Meeks, Joseph	Belleville
Laws, J. M.	Cuba	Meyer, Bruno F.	Staunton
Lawson, John	Mt. Olive	Michaels, Lincouore	Belleville
Lawson, Thomas	Lake Creek	Millard, John	Peoria
Lawson, Arthur	Edwardsville	Miller, Edward	Sorento
Lawson, Joan	Cable	Miller, Charles	Laceville
Leach, John	Auburn	Milburn, Thomas	Edwardsville
Ledford, Edward E.	Harrisburg	Middleton, James L.	Sandoval
Lee, Robert	Cable	Michaels, Lewis	Belleville
Lee, Robert	Sherrard	Michaels, Otto L.	Belleville
Lee, Shellcross G.	Canton	Miller, Alexander	Ridge Prairie
Lee, William J.	Cable	Miller, Hugh	Coal City
Legendre, Theodore	Mascoutah	Miller, William	Lenzburg
Lehwold, Herman A.	Springfield	Miller, George W.	Pawnee
Leichty, James	Danville	Miller, John K.	Staunton
Lemin, W. C.	Duquoin	Miller, Frank E.	Herrin
Lettsome, William	Carbon Hill	Milen, John	Norris
Lettsome, Absalom	Carbon Hill	Millett, Thomas	Collinsville
Lewis, Charles	Snarta	Millhouse, John G.	Spring Valley
Lewis, James	Bryant	Mills, T. J.	Cable
Lewis, William	Streator	Mitchell, T. J.	Pana
Lindley, Richard	Collinsville	Mize, Walter	Blue Mound
Lindsay, John O.	Duquoin	Moffat, R. E.	Percy
Lindsay, Robert	Springfield	Moffat, Thomas	Percy
Lindsay, George	Christonher	Monaghan, Edward	Carbon Hill
Linsky, P. J.	Braidwood	Monaghan, William	Braidwood
Lister, James H.	Peters Station	Monroe, Wm. A.	Carrier Mills
Little, Peter	Peoria	Moore, Alexander J.	Chicago
Little, Thomas	Summerfield	Moore, Samuel	Springfield
Lively, Robert	Marissa	Moran, Mark	Pekin
Lloyd, David J.	Edinburg	Morin, Jeremiah	Danville
Lloyd, Rowland R.	Barclay	Morin, D. A.	Danville
Lloyd, John E.	Danville	Morgan, George	Springfield
Lloyd, Thomas	Rentchler	Morgan, Joseph	Streator
Lloyd, Thomas	Wanlock	Morgan, Isaac B.	Ladd
Loeffler, Anton	LaSalle	Morris, G. W.	Lebanon
Lord, John S.	Springfield	Morris, J. H.	Nashville
Lord, Henry L.	Virden	Morris, James F.	Springfield
Love, William	Sherman	Morris, P. K.	Roanoke
Love, John W.	Carbon Hill	Morris, William H.	Belleville
Lowery, Frank	Orchard Mines	Morris, Joseph	Nashville
Lumaghi, Joseph	Collinsville	Morris, Robert	Marion
Lumaghi, Louis F.	Collinsville	Morrissey, Thomas	Lebanon
		Morrison, D. H.	Girard
		Morton, Andrew	Virginia
		Morton, Robert	Virginia
Macke, P. H.	Ledford	Moses, John L.	Marion
Malcor, Henry	Riverton	Moses, Tom	Westville
Malcolm, William J.	Braceville	Moss, Thomas	Staunton
Malloy, Henry E. (d)	Decatur	Mould, Thomas R.	O'Fallon
Mallon, Harry	Springfield	Mountjoy, John Hy.	Wenona
Malone, Frank	Pinckneyville	Murdock, John	Breeds

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Muir, Hunter.....	Etherly.....	Nicholson, George A....	Cuba.....
Munster, Anton.....	Westville.....	Nicholson, William (d)...	Cuba.....
Muntz, Jabez.....	Streator.....	Nixson, Robert.....	Virden.....
Muntz, William.....	Streator.....	Noll, Peter.....	Belleville.....
Murphy, Jerry.....	Chatham.....	Nold, Fred.....	Freeburg.....
Murphy, Mike.....	Bush.....	Nordeen, Peter.....	Galva.....
Murphy, John.....	Braidwood.....	Nordness, C. K.....	Girard.....
Murphy, Patrick.....	Springfield.....	Notman, George.....	Streator.....
Murray, A.....	Nashville.....	Nuttall, J. F.....	Westville.....
Murray, Hugh.....	Sparta.....		
Murray, James W.....	Westville.....		
Murray, J. H.....	Galva.....	O'Beirne, John.....	Spring Valley.....
Murrie, Archibald.....	Centralia.....	O'Brien, John W.....	Toluca.....
Mustard, George.....	Norris.....	O'Brien, John J.....	Marquette.....
Myers, Thomas E.....	Marion.....	O'Brien, James.....	Belleville.....
McAllister, Hector.....	Streator.....	O'Brine, Patric J.....	Spring Valley.....
McAnarney, James.....	Girard.....	O'Brine, William.....	Pana.....
McCann, Patrick.....	Lincoln.....	O'Briant, James.....	Georgetown.....
McCleary, John.....	Cantrall.....	O'Connor, James.....	Spring Valley.....
McCleary, James.....	Kangley.....	O'Connor, John.....	Braidwood.....
McClintock, John.....	Murphysboro.....	O'Connor, Patrick F.....	Paisley.....
McCraner, James.....	Girard.....	O'Leary, John.....	Marquette.....
McCridle, David.....	Oglesby.....	Olroyd, Peter.....	Westville.....
McCullough, W. F.....	Mapleton.....	O'Neil, John.....	Germantown.....
McCown, Milo.....	Carterville.....	Opie, William (d).....	Sandoval.....
McDill, James.....	Pana.....	Owen, William.....	Tallula.....
McDonald, Archibald.....	Westville.....	Owens, Robert.....	Marion.....
McDonald, Robert.....	Streator.....		
McDonald, William.....	Braidwood.....		
McDonald, Adam S.....	Dalzell.....		
McFadden, Joseph.....	Danville.....	Parker, Albert.....	Collinsville.....
McFarland, William A.....	Edwardsville.....	Parker, Joe.....	S. Wilmington.....
McGeachen, Robert (d).....	Sorento.....	Passent, Joseph T.....	Springfield.....
McGinnis, John.....	Springfield.....	Passent, William C. (d).....	Barclay.....
McGunnigal, John.....	Murphysboro.....	Patchet, John.....	Murphysboro.....
McGunnigal, James.....	Marissa.....	Patterson, J. C.....	Assumption.....
McGunnigal, Bernard (d).....	Spring Valley.....	Patton, George A.....	Belleville.....
McKean, Isaac.....	Coal City.....	Payne, Harry.....	Riverton.....
McKeown, Frank.....	Decatur.....	Pcart, John.....	Braidwood.....
McKernan, James.....	Collinsville.....	Penwell, C. T. (d).....	Pana.....
McKillop, Donald.....	Carbon Hill.....	Percell, Thomas.....	Norris.....
McLachlan, John.....	Springfield.....	Peters, J. D.....	Murphysboro.....
McLarin, Archibald.....	Collinsville.....	Pettier, Moses.....	Spring Valley.....
McLaughlin, Patrick.....	Selbytown.....	Pettigrew, Robert.....	Troy.....
McLaughlin, William (d).....	Auburn.....	Phillips, James.....	Minonk.....
McLaughlin, William.....	Ava.....	Pick, Edward.....	Centralia.....
McLaughlin, John.....	Girard.....	Pickett, Joseph.....	Spring Valley.....
McLean, Robert.....	Girard.....	Pickett, Robert.....	Spring Valley.....
McManamon, Patrick F.....	Spring Valley.....	Picton, Joseph.....	St. David.....
McMorrow, Michael.....	Farmington.....	Picton, John W.....	Farmington.....
McMath, George.....	Carterville.....	Pierson, Robert.....	Harrisburg.....
McMurtie, A. B.....	Bryden.....	Pierce, William.....	Edinburg.....
McWhinney, Andrew.....	Virden.....	Pischiner, Oscar J.....	Westville.....
McMorrow, Thomas.....	Farmington.....	Plumbee, Arthur.....	Duquoin.....
McNabb, William.....	Athens.....	Poelker, Joseph.....	Germantown.....
		Pool, Edgar E.....	Murphysboro.....
		Potter, George.....	Mapleton.....
		Postle, John (a).....	Braceville.....
Neal, Reese.....	Kangley.....	Powell, Albert E.....	Belleville.....
Neal, Albert N.....	Murphysboro.....	Powell, Evan.....	Murphysboro.....
Neal, William.....	Murphysboro.....	Powell, David, ex.....	Braceville.....
Needles, Thadens.....	Glenburn.....	Powell, J. E.....	Sato.....
Neeson, Richard.....	Divernon.....	Powell, Thomas H.....	Belleville.....
Neil, Peter, ex.....	Bunker Hill.....	Powell, Samuel.....	Roanoke.....
Newcomb, H. C.....	Pana.....	Price, Fred W.....	Centralia.....
Newman, Henry T.....	Springfield.....	Price, William.....	Braceville.....
Newsam, John.....	Kingston.....	Price, John B.....	Marissa.....
Newsam, Richard.....	Orchard Mines.....	Prince, Thomas.....	Gillespie.....
Newsam, Richard, Jr.....	Kingston Mines.....	Proctor, Michael J.....	Toluca.....
Newsam, Thomas.....	Kingston Mines.....	Proctor, Peter.....	Braidwood.....
Newsam, Thomas, Jr.....	Kingston Mines.....	Prudent, Edward.....	Centralia.....
Newton, Walter.....	Spring Valley.....	Pryce, John M.....	Coal Valley.....
Nesbit, Charles, ex.....	Millstadt.....	Pugh, Daniel.....	St. John.....
Nevener, John.....	Belleville.....	Pullen, Charles.....	Litchfield.....
Nevil, George W.....	Duquoin.....		

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Pullen, James.....	Sorenta	Ryan, James (d).....	Springfield
Pye, William.....	Bartonville	Ryan, Thomas.....	Springfield
Raby, Robert A.....	Cuba	Sangrelet, Marshall.....	Mt. Olive.....
Radford, Thos., ex., (d).....	Bloomington.....	Sanders, John M.....	Hanna City.....
Radford, William.....	Cuba	Sandson, Henry S., ex.....	Streator
Radford, James D. (d).....	Springfield	Sauer, Frederick.....	Belleville
Radford, William T.....	Bloomington	Saurs, Cornelius.....	Peoria
Rae, Robert.....	Braidwood	Scaife, William.....	Coal City.....
Ramsey, Charles J.....	Gillespie	Schlettler, Bruno.....	Springfield
Randle, Jesse.....	Birkner	Schroil, Joseph.....	Bartonville
Rarick, Phil. W.....	Glen Carbon.....	Schram, Richard.....	Belleville
Ratcliffe, Arthur.....	Kewanee	Schrader, Joseph H.....	Eldorado
Rauth, John.....	Belleville	Schreier, Gustav.....	Divernon
Rosmussen, James E.....	Mineral	Scheidel, John.....	Bartonville
Rasbottom, Frank.....	Kingston	Schellschmidt, Ernst.....	East Peoria
Reagan, Daniel.....	Muddy Valley.....	Schroyer, Edward.....	Dunfermline
Reavley, Robert.....	Riverton	Schutte, H. F.....	Mt. Olive.....
Redshaw, William.....	Spring Valley.....	Schmithoure, Theodore.....	Mt. Olive.....
Redyard, John.....	Odin	Scott, George.....	Marissa
Reed, James.....	Herrin	Scott, C. W., Sr.....	Pocahontas.....
Reeb, Phillip.....	Belleville	Scully, William J.....	Glen Carbon.....
Reed, W. M.....	Girard	Scurah, Castling R.....	Braceville
Reed, William B.....	Wilsman	Sebastian, Charles W.....	Lenzburg
Reents, August.....	Kramm	Secor, Frederick D.....	Odin
Reece, Daniel.....	Danville	Seddon, Thomas.....	Paisley
Reid, Andrew.....	Springfield	Senloe, George.....	St. John
Reid, Joseph.....	Marion	Sevan, Charles.....	Danville
Reilly, Edward.....	Danville	Severit, Albert.....	Belleville
Reimann, John.....	Belleville	Shanahan, John C.....	Gillespie
Rernison, Henry.....	St. John	Shaw, James.....	Peoria
Reynolds, William.....	East Peoria.....	Sharp, Montgomery, ex.....	Coal City.....
Reynolds, John.....	Streator	Sholeen, R. A.....	Galva
Rhodes, Jefferson.....	Pana	Sholl, Joseph.....	Bartonville
Richards, John.....	Murphysboro	Shurin, Peter.....	Auburn
Richards, James.....	LaSalle	Shields, Frank D.....	Pana
Richardson, Thomas.....	Spring Valley.....	Schuler, Charles.....	Gilchrist
Richardson, Joseph.....	Litchfield	Sidall, John S.....	Pana
Richardson, Robert.....	Carterville	Sidall, James S.....	Streator
Ridgely, O. L.....	Mt. Olive.....	Siddell, J. W.....	Springfield
Ritchie, Alex. Sr.....	Clinton	Siddle, John.....	Edwardsville
Ritchie, A. Jr.....	Trenton	Simkin, Samuel.....	Streator
Ritchie, Thomas.....	Streator	Simmons, Thomas.....	Canton
Rittmann, J. J.....	Decatur	Simpson, Isaac.....	Glen Carbon.....
Roberts, Benj. D.....	Streator	Simpson, David.....	Spring Valley.....
Roberts, Evan F.....	Danville	Simpson, David.....	Springfield
Roberts, Hiram.....	Collinsville	Simpson, George A.....	Springfield
Roberts, John D., ex., (d).....	Streator	Simpson, George C.....	Springfield
Roberts, Thomas D.....	Streator	Simpson, William J.....	Collinsville
Robinson, Henry.....	Gardner	Simpson, Thomas.....	Collinsville
Robinson, John T.....	Kingston Mines.....	Simpson, Thomas.....	O'Fallon
Robinson, L. E.....	Kingston Mines.....	Sine, Charles A.....	Johnston City.....
Rodden, John.....	Pana	Singer, Edward.....	Johnston City.....
Rodenburg, Charles.....	Belleville	Sisk, A. J.....	Equality
Rodenbush, John.....	Steelon	Skinner, Alexander.....	Diamond
Roe, Samuel.....	Oglesby	Skinner, David (d).....	Diamond
Roe, Thomas.....	Oglesby	Skinner, John.....	Diamond
Rogers, Charles.....	Duquoin	Skinner, John.....	Astoria
Rogers, Josiah.....	Braidwood	Skelton, A. H.....	Coal City.....
Rogers, Llewellen.....	Braidwood	Sloan, Edward C.....	Wesley City.....
Rollo, George.....	Mt. Olive.....	Small, James.....	Middle Grove.....
Rollo, James.....	Pana	Smethurst, Nathan.....	Spring Valley.....
Rollo, John.....	Gillespie	Smith, Alexander M.....	Sandoval
Rollo, William.....	Pana	Smith, A. J.....	Springfield
Rookin, Thomas.....	Edwards Station.....	Smith, David P.....	Dawson
Ross, David.....	Oglesby	Smith, Felix.....	Birkner
Rosbottom, James.....	Kingston Mines.....	Smith, James.....	LaSalle
Rowland, Charles, ex.....	Belleville	Smith, James J.....	Riverton
Rozanski, Michael.....	Taylorville	Smith, George A.....	Sandoval
Rundie, John C.....	Colchester	Smith, James L.....	Mt. Olive.....
Rundle, William.....	Pekin	Smith, James.....	East Peoria.....
Rutledge, Walton.....	Alton	Smith, John P.....	Glen Carbon.....
Rutledge, J. J.....	Staunton	Smith, James L.....	Riverton

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Smith, James P.	Collinsville	Thome, Martin, ex.	Bartonville
Smith, Henry W.	Springfield	<i>Thompson, John.</i>	DeSoto
Smith, Joseph.	Bloomington	Thompson, Robert C.	Murphysboro
Smith, T. J.	Pana	Thompson, Mark.	Sherrard
Smith, William.	Athens	Thompson, William.	Mt. Olive
Smith, William G.	Riverton	<i>Thornton, James.</i>	Duquoin
Smith, W. H.	Hillsboro	Thorand, Joseph.	Trenton
Smith, Thomas.	Belleville	Thrush, David.	Farmington
Smith, W. J.	Girard	Tolle, E. B.	Kingston Mines
Sneddon, Richard.	Virden	Tallner, Fred.	Edwardsville
Snedden, Alexander.	Peoria	Tregoning, Walter.	Murphysboro
Sollenberger, Harry C.	Dunfermline	Twomey, Edwin, ex.	Coal Valley
Solomon, John.	Springfield	Turton, William.	Edwardsville
Solomon, Peter H.	Springfield		
Southworth, Andrew P.	Belleville	Ulrich, Casper.	Tilden
Spiller, George H.	Murphysboro	Urbain, F. J.	Christopher
Spires, Alfred.	Braceville		
<i>Sprague, A. J.</i>	St. David.	Vailow, Charles.	Kinmundy
Springer, Albert R.	Glen Carbon	Vandebur, John, ex.	Springfield
Sapstick, Arthur E.	Glen Carbon	Vandever, P. E.	Taylorville
Staehle, August.	Belleville	Vicary, William.	Pottstown
Stanton, William E., ex.	Colchester	Vicary, George.	Pottstown
Starks, William.	Westville	Vicary, John, ex.	Lincoln
Starns, James.	Hallidayboro	Vese, John.	Springfield
Steiner, Benjamin.	Sato		
Steel, Alexander.	Streator	Wagner, I.	Mapleton
Steel, Daniel.	Collinsville	Walker, John K.	Chenoa
Steel, James.	Spring Valley	Walker, James.	Murphysboro
Steel, Neal.	Centralla	Wall, David E.	Divernon
Stevens, Walter.	Virden	Wallace, David.	Carterville
<i>Stewart, D. G.</i>	Seatonville	Wallace, John.	Clifford
Stirrat, James.	Peoria	Walland, Ed. S., ex.	Bartonville
Stockett, Howard N.	Springfield	Walmsley, George.	East Peoria
Stockett, Lewis.	Collinsville	Walschlag, Stephen.	Peoria
Stockett, Thos. R., Jr.	St. Louis, Mo.	Walsh, Patrick.	Springfield
Stockman, W. H.	Duquoin	Walsh, Peter P.	Pleasant Plains
Stoneburner, L. L.	Moweaqua	Walters, William H.	Staunton
Storrie, Archibald.	Seatonville	<i>Wanless, John.</i>	Springfield
Stratman, Henry, ex. (d)	Springfield	Wanless, William H.	Riverton
Straley, Peter.	Canton	Wantling, T. J.	Peoria
Strebel, George.	Edwardsville	Wantling, Thomas.	Pottstown
Strickland, John.	Coal City	Walters, Thomas W.	Ladd
Stricklin, W. H.	Harrisburg	Ward, Wilson.	Diverton
Striebe, Chris. W.	Danville	Wardie, John.	Marion
<i>Sutton, Thomas.</i>	Millstadt	Warren, James M.	Gerrin
<i>Swan, Charles.</i>	Danville	<i>Waters, Fred.</i>	Elmwood
Swansberg, John L.	Danville	Watson, George R.	Wyoming
Swarthout, J. P.	Peoria	Watson, John A.	Carterville
Syson, Frank.	Niantic	Watkins, W. J.	Danville
		Watts, Thomas J.	Elmwood
Tallman, John, ex.	Kangley	Watts, William.	Elmwood
Tattersall, George.	Seneca	Waugh, Robert.	Equality
Taulbee, Edward (d).	Hillsboro	Weber, Henry.	Murphysboro
Taylor, Charles.	Edwards	Webster, Richard.	Collinsville
Taylor, Daniel.	Edwards	Webb, James M.	Westville
Taylor, Henry.	Belleville	Weeks, Thomas.	Streator
Taylor, James.	Edwards	Weisenborn, F. E.	Mt. Olive
Taylor, Joseph.	Springfield	Wenneborg, Otto.	Springfield
Taylor, Thomas H., ex.	O'Fallon	Westwater, David.	Pekin
Taylor, Thomas H., ex.	Springfield	Westwood, Albert.	Belleville
Tenney, Charles.	Danville	Westwood, Thomas E.	Marissa
Thain, James.	Riverton	Westwood, John.	Streator
Thom, Alexander, ex.	Coal City	<i>Westwood, Thomas.</i>	Belleville
Thomas, William J.	Spring Valley	Wheatcraft, James.	Elmwood
Thomas, H.	Westville	Whennen, Charles.	Oglesby
Thomas, J. G.	Spring Valley	Whitaker, John.	Collinsville
Thomas, John R.	Ladd	Whitaker, William J.	Collinsville
Thomas, T. J.	Collinsville	White, John.	Pana
Thomas, Reese.	Snauldin	White, John R.	Belleville
Thomas, David B.	Murphysboro	<i>White, James.</i>	Ottawa
Thomas, Richard.	Ridge Prairie	White, Michael.	Virden
Thomas, J. J.	Benton		
Thomas, John R.	Marion		

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
White, Owen.....	Seatonville.....	Wilson, John B.....	Sparta.....
White, Louis.....	Spring Valley.....	Wilson, John J. (d)....	Wesley City.....
White, Robert.....	Belleville.....	Wilson, Robert.....	Roanoke.....
Whitehead, Joseph.....	Farmington.....	Wilson, William.....	Middle Grove.....
Whitehead, Edward.....	Farmington.....	Wilson, Thomas.....	Norris.....
Wigham, William G.....	Cartersville.....	Wilson, William.....	Sparta.....
Wild, James.....	Murphysboro.....	Wilson, David.....	Lincoln.....
Wiley, Robertson.....	St. David.....	Wilson, W. R.....	Reed City.....
Wilkinson, Frank.....	Westville.....	Winneberg, W.....	Springfield.....
Wilkinson, T. H.....	Diamond.....	Winning, James.....	Cartersville.....
Williams, Daniel J.....	Springfield.....	Winning, Robert.....	Cartersville.....
Williams, James.....	Murphysboro.....	Winterbottom, John.....	Murphysboro.....
Williams, Thomas.....	Kinmundy.....	Winters, Samuel P.....	Bartonville.....
Williams, Jeff.....	Farmington.....	Wittman, Raniel.....	New Baden.....
Williams, John.....	Riverton.....	Walschlag, Stephen, ex.	Peoria.....
Williams, Louis.....	Belleville.....	Wood, Henry.....	Streator.....
Williams, Robert H.....	Girard.....	Wood, Henry.....	Troy.....
Williams, John W.....	Livingston.....	Woods, William, ex.....	Morris.....
Williams, Walter.....	Duquoin.....	Woodson, W. R.....	Springfield.....
Williams, Thomas J.....	Cardiff.....	Worthington, Willard.....	Duquoin.....
Williams, William H.....	Edinburg.....	Wright, Thomas C.....	Belleville.....
Williams, W. W.....	Hornsby.....	Wright, John.....	Belleville.....
Williams, David W.....	Herrin.....	Wright, J. W.....	Kingston Mines.....
Williams, David.....	Tilden.....	Wundelrick, John.....	Marissa.....
Williamson, William.....	Staunton.....		
Williamson, Jacob.....	Springfield.....	Yates, John.....	Belleville.....
Wilson, Hiram E.....	Carbondale.....	Yates, J. R.....	Centralia.....
Wills, Samuel.....	Westville.....	Young, Hiram.....	Girard.....
Wilson, John.....	Coal City.....	Young, Hugh G.....	Braidwood.....
Wilson, David.....	Murphysboro.....		
Wilson, David.....	Spring Valley.....	Zink, Peter A.....	Belleville.....
Wilson, Hugh.....	Kinmundy.....	Zink, Charles L.....	Belleville.....
Wilson, Alexander.....	Carbon Hill.....	Zoller, Robert H.....	Braidwood.....
Wilson, Hiram.....	Carbondale.....		
Wilson, H. C.....	Pekin.....		

MINE MANAGERS HOLDING CERTIFICATES OF SERVICE.

Name.	Postoffice.	Name.	Postoffice.
Adams, Charles T.....	Rosboro.....	Collier, Frank J.....	Bartonville.....
Alsopp, William H.....	New Castle.....	Coster, George.....	Grane Creek.....
Andreas, August.....	Belleville.....	Crawson, Elihu.....	O'Fallon.....
Angel, Hiram.....	Glenn.....	Cummings, William.....	Bushville.....
Atkinson, Edward.....	Streator.....	Cusack, M.....	Edwards.....
Aarford, Thomas.....	Petersburg.....		
Bailey, Robert.....	Springfield.....	Dale, John.....	Frederonia.....
Bangert, Henry (d).....	Lincoln.....	Davenport, John.....	Harrisburg.....
Bartlett, Thomas.....	Cuba.....	Davis, Caleb.....	Collinsville.....
Barwell, John.....	Cutler.....	Darison, Matthew.....	Duquoin.....
Bates, W. H.....	Winchester.....	Deans, Henry.....	Percy.....
Betz, Charles C.....	Duquoin.....	Donaly, James.....	Cartersville.....
Bolander, John.....	Pekin.....	Duffner, J. W.....	Belleville.....
Bracken, James A.....	Greenview.....		
Brown, Jabez.....	Cutler.....	Enstminger, Emanuel E.....	Crab Orchard.....
Brown, Thomas M.....	Pinckneyville.....	Entwhistle, Robert.....	Colchester.....
Bunting, J. H.....	Grape Creek.....	Erwin, William.....	West Belleville.....
Bushong, Andrew M.....	Danville.....		
Caldwell, James.....	Elmwood.....	Fagan, Patrick (d).....	Decatur.....
Cape, Thomas.....	Fairview.....	Fletcher, Adam.....	Ladd.....
Cameron, Duncan S.....	Sorento.....	Forsythe, Peter.....	Centralia.....
Chere, George.....	Pleasant Plains.....	Forsythe, Thomas.....	Centralia.....
Christie, David (d).....	Murphysboro.....	Fowler, Henry.....	Millersburg.....
Cooper, Charles.....	Nilwood.....	Franklin, Bernard.....	Lincoln.....

Certificates of Service—Concluded.

Name.	Postoffice.	Name.	Postoffice.
<i>Gilbert, Edward</i>	Niantic	<i>McDowell, James A.</i>	Grape Creek....
<i>Glenn, John</i>	Peoria	<i>McKernan, James</i>	Collinsville
<i>Goodler, William</i>	Cuba		
<i>Golden, George</i>	Springfield		
<i>Grabner, Henry</i>	Orchard Mines	<i>Neal, William</i>	Murphysboro ..
<i>Grant, David</i>	Pekin	<i>Nicholson, William</i>	Cuba
<i>Gray, John (d)</i>	Roanoke	<i>Noyd, Lewis</i>	Galva
<i>Green, Robert</i>	Springfield		
<i>Greenwood, Robert</i>	Duquoin	<i>Oexner, Wendelin</i>	West Belleville..
<i>Grieve, Peter</i>	Collinsville		
<i>Griffith, William A.</i>	Colona		
		<i>Parkin, William</i>	Sweetwater
<i>Haddick, Robert</i>	Cable	<i>Patterson, J. C.</i>	Assumption
<i>Haensel, Daniel</i>	Lenzburg	<i>Peart, John</i>	Braidwood
<i>Harrison, Ernest</i>	Streator	<i>Pfander, Fred</i>	Peoria
<i>Heinz, John L.</i>	LaSalle	<i>Pickett, Robert</i>	Canton
<i>Howe, William</i>	Streator	<i>Pool, Edgar E.</i>	Murphysboro ..
<i>Hoyle, James</i>	Braidwood	<i>Price, David</i>	Fairbury
<i>Hutton, James</i>	Tallula	<i>Price, James L.</i>	Danville
<i>Hallenmeyer, Julius</i>	Golden Eagle....	<i>Pullen, Charles</i>	Sorento
<i>Jenkins, Eugene</i>	Bartonville	<i>Radford, William</i>	Cuba
<i>Jerrimiah, William M.</i> ..	Duquoin	<i>Randle, Jesse</i>	Birkner
<i>Jones, David</i>	Marissa	<i>Reynolds, William</i>	East Peoria
		<i>Royster, Moses L.</i>	Peoria
<i>Keller, George, Jr.</i>	Bartonville	<i>Rusche, Christian (d)</i> ...	East Peoria
<i>Kidd, Andrew</i>	Wenona	<i>Ryan, James</i>	Springfield
<i>Kidd, Eugene</i>	Ridge Prairie..		
<i>Kirley, Bernard</i>	Kewanee	<i>Schmidt, Frank P.</i>	Limestone
<i>Klingenhagen, Henry</i> ...	Belleville	<i>Shaw, Nathan</i>	Kramm
<i>Kramer, Anthony F.</i>	Sato	<i>Smith, David P.</i>	Dawson
		<i>Smith, Felix</i>	Breese
<i>Laumbattus, Phillip H.</i> ..	Tamaroa	<i>Solomon, Robert</i>	Springfield
<i>Lenze, Charles</i>	Belleville	<i>Spencer, George</i>	Duquoin
<i>Lloyd, Hosea W.</i>	Sheffield	<i>Stanway, George</i>	Blair
		<i>Stark, Andrew</i>	Galva
<i>Mason, Mark, Jr.</i>	Sato	<i>Stewart, David J.</i>	Seatonville
<i>Maale, Robert</i>	Belleville	<i>Stuhlsatz, Michael</i>	Kewanee
<i>Mechan, Patrick</i>	Breeds	<i>Sutton, Thomas</i>	Millstadt
<i>Meehan, Peter</i>	Williamsville ..	<i>Swan, Charles</i>	Oakwood
<i>Meredith, C. W.</i>	Augusta	<i>Swisher, James E.</i>	St. David
<i>Michaels, Lewis</i>	Belleville		
<i>Miller, Nicholas</i>	Lebanon	<i>Teifer, Alexander W.</i> ...	Morris
<i>Miller, William</i>	Lenzburg	<i>Terrill, Thomas</i>	Colchester
<i>Milcn, John</i>	Norris	<i>Thompson, John</i>	DeSoto
<i>Millett, Thomas</i>	Collinsville	<i>Thornton, James</i>	Duquoin
<i>Moffatt, Thomas</i>	Percy		
<i>Monaghan, Edward</i>	Carbon Hill	<i>Waugh, George, Sr.</i>	Peoria
<i>Morin, Jeremiah</i>	Danville	<i>Westwood, Thomas</i>	Belleville
<i>Morton, Robert</i>	Virginia	<i>Wilkin, John B.</i>	Petersburg
<i>Murphy, John</i>	Braidwood	<i>Williams, John</i>	Sato
<i>McCleery, James</i>	Kangley	<i>Williams, John T.</i>	Coalville
<i>McDonald, Daniel</i>	Menard	<i>Williams, Walter</i>	Duquoin
		<i>Wilms, William (d)</i> ...	Springfield

MINE MANAGERS HOLDING CERTIFICATES OF COMPETENCY AT MINES
EMPLOYING NOT TO EXCEED TEN MEN.

Name.	Postoffice.	Name.	Postoffice.
Aby, J. J.	Laura	Beddow, Benj.	Danville
Adams, J. M.	Denmark	Beers, M. A.	Cable
Adams, Leonard	Cuba	Beever, J. H.	Farmington
Adams, John	Willisville	Begum, Geo. E.	Ottawa
Adkins, Elmer	Danville	Bell, James	Morris
Aldrage, John	Danville	Bell, Charles	Pleasant View
Aldridge, William R.	Danville	Beltz, Lindolph	Cartersville
Aldrich, M. M.	Geneseo	Belz, George	Cartersville
Ahlgren, Emil	Kewanee	Bennet, Fred	Chillicothe
Alexander, Orie A.	Huntsville	Benson, William	Winchester
Alward, Frank	Canton	Berry, John	Macomb
Allen, James T.	Pleasant View	Bearry, George E.	Peoria
Allen, W. P.	Spillertown	Berry, Charles	Monica
Allen, John A.	Colona	Berry, W. J.	Macomb
Allison, John	Lcding	Berry, R. M.	Cottage Grove
Allison, William	So. Moline	Berry, Wm.	Monica
Allison, Elmer	Danville	Beuer, Jacob W.	Castletown
Anderson, Alexander	Sato	Beuer, Joseph	Castletown
Anderson, Lee A.	Streator	Bextom, Wm. G.	Colchester
Anderson, N. C.	Ottawa	Biggs, Isaac N.	Tallula
Anderson, Josh.	Equality	Biggs, Henry	Ledford
Anderson, M. H.	Knoxville	Bird, Daniel	Roseville
Anna, Charles	Wataga	Birdois, D.	Peoria
Argus, Leonard	Belleville	Birdois, John	Peoria
Arrandale, Jno. W.	Streator	Bixby, Wm. M.	Blair
Ascraft, J. W.	Mayton	Blackburn, Kelly	Johnson City
Aston, Emanuel	Danville	Blagden, Richard	Leaman
Atkinson, Amos	Colchester	Blackey, Cuthbert	Wyoming
Atkinson, M.	Kewanee	Blank, Louis	Peoria
Atkinson, Charles W.	Colchester	Blessing, George	East Peoria
Auglin, John	Shelbyville	Blockley, Rufus	Equality
Authank, Abraham	Petersburg	Bloom, Charles	Catlin
Avery, Geo. W.	Industry	Blotevagal, William	Worden
Avey, Wm.	Belleville	Blue, J. W.	Grape Creek
Axley, Edward	Roodhouse	Blue, Ed.	Grape Creek
Aylsworth, John	Frederick	Bode, W. H. H.	Chesterfield
		Boden, Ed.	Pre-emption
		Boldwyn, T. W.	Vergennes
Backling, William	East Peoria	Boostrom, Ben B.	Wataga
Backofen, Jacob	Littleton	Bonnett, A. H.	Pilot
Badders, George	Carrier Mills	Bowman, G. W.	Yates City
Bailey, Oliver	Carbondale	Bowman, T. L.	Industry
Baird, W. C.	Carbondale	Boyer, A. P.	Etherly
Baird, Oswald	Colchester	Brackhouse, Fred	Chapin
Bailey, W. R.	Sparta	Braunaman, F. L.	Danville
Baker, L. C.	Oakwood	Brandt, Jean	Georgetown
Baker, William H.	Industry	Brandt, Henry C.	Petersburg
Baker, Hilan D.	Coal Valley	Brandt, William	Mineral
Baker, Joseph	Ottawa	Brandt, Louis F.	Mineral
Baker, F. W.	Fairbure	Brannon, James	Grape Creek
Baker, Wm. J.	St. David	Brennan, George	Caseyville
Balducche, Lorenzo	Catlin	Brinley, Ross	Danville
Baldwin, John O.	Equality	Broderick, Andrew	Danville
Bales, Joseph L.	Danville	Brophy, M.	Shelbyville
Baltmar, Jno. D.	Bartonville	Brown, Charles	Marion
Ball, Samuel	North Alton	Brown, John	Ottawa
Banne, H. E.	Abingdon	Brown, William S.	Muncie
Barbary, Paul	Ava	Brown, S. C.	Lewistown
Barber, William	Colchester	Brooker, Fred	Lowell
Bargreen, Charles	Streator	Bryan, John	Grape Creek
Barkley, Charley	Farmington	Bryant, S. C.	Grape Creek
Barnett, W. M.	Palzo	Bryner, Leonidos	Roseville
Barter, Charles	Bryant	Buchanan, B. M.	Streator
Bass, Oscar J.	Wyoming	Bullock, Joseph	Collinsville
Bates, Geo. H.	Kewanee	Bullock, Henry	Collinsville
Bates, Wm. T.	Rushville	Bullock, Robert	Duquoin
Bates, Watson	Kewanee	Bunt, Joseph	Colchester
Bath, Isaac	Lewistown	Bunting, C. J.	Danville
Bath, Abraham	St. David	Burdick, Frank	Industry
Baugh, William	Henry	Burk, W. W.	Conant
Beatty, John T.	Mascoutah	Burney, Ralph	Colchester
Beatty, John T.	Mascoutah	Butter, William	Stonefort
Becroft, Leonard	Atkinson	Byrnes, John	Brighton
Beclter, John	Pekin		

Mine Managers (Ten Men), Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Cadle, John.....	Danville	Crain, Willie.....	Ava
Cagle, William.....	Frederick	Craig, John W.....	Sallie
Cagle, John.....	Littleton	Crawford, W. F.....	Collison
Cagdall, A. C.....	Stonefort	Cressey, George.....	Colchester
Cairns, James.....	Brighton	Cryer, John H.....	Morris
Caldwell, Thomas.....	Avon	Crew, Joseph.....	Chillicothe
Camey, Robt. P.....	Lombardville	Cronister, Henry S.....	Salsbury
Campbell, Ed.....	White Hall	Crow, S. F.....	Stonefort
Campbell, Andrew F.....	Roseville	Crow, Wm.....	Ava
Campbell, Francis A.....	Viola	Croxton, Fred W.....	Pleasant View..
Campbell, W. R.....	Vergennes	Croxton, Walter.....	Pleasant View..
Cameron, Henry.....	Viola	Crozica, E.....	Etherly
Carlson, Alfred.....	Sunny Hill	Crowse, James W.....	Union
Carlson, Andrew F.....	Kewanee	Cunningham, Lewis.....	Danville
Carroll, C. E.....	Duncan	Cunningham, R. A.....	Cutler
Carroll, Thos. J.....	Bunker Hill	Cummings, Wm. M.....	Rushville
Carrell, A. J.....	Duquoin	Curtiss, Sanford.....	Rockbridge
Carter, Elmer.....	Camden	Cutler, F. H.....	Princeville
Carter, Joe.....	Kewanee		
Carter, F. R.....	Danville	Dabbles, Joseph.....	Danville
Carter, Wm. R.....	Danville	Dainty, Jabez.....	St. David
Carson, Charles H.....	Platt	Dalrymple, Wm. C.....	Neponset
Carriison, George.....	Colchester	Dalton, Isam.....	Yates City
Casteter, John.....	Streator	Daniel, Jay.....	Danville
Casteter, William.....	Streator	Darrah, J. N.....	Rlandinsville
Catt, A. G.....	Newton	Daugherty, Robert T.....	Table Grove
Catton, John.....	West Jersey	Davis, J.....	Vermont
Catton, C. F.....	West Jersey	Davis, Charles.....	Abingdon
Chadwick, E.....	Oak Hill	Davis, Benjamin.....	Streator
Charlingsworth, Amos C.....	Fosterburg	Davis, T.....	Fayette
Charleson, Chas.....	Wyoming	Davis, Chas. R.....	Salsbury
Charnok, Wm.....	Victoria	Davidson, Thomas.....	Griffin
Chesney, Alonzo T.....	Ava	Davidson, Bert.....	Colchester
Chilton, Richard.....	Kewanee	Dalton, Augustus.....	Yates City
Chipping, W.....	Canton	Dawson, J. C.....	Deer Park Glen..
Chorlton, James.....	French Village	Dawson, Wm.....	Deer Park Glen..
Christman, Charles W.....	Sparland	Deaton, Abraham L.....	Middletown
Church, V. L.....	Ava	Deaven, Camille.....	Orchard Mines
Clariday, Moody.....	Cartersville	Delaney, Thomas.....	Avon
Clark, John.....	Monmouth	Dempsey, G. F.....	Equality
Christy, H. S.....	Whitehall	Dempsey, J. I.....	Equality
Clark, Samuel G.....	Duquoin	DeMoss, Albert.....	Canton
Clark, James A.....	Equality	DeWolf, Ernest.....	Victoria
Clark, J. H.....	Brimfield	Dewey, David C.....	Wyoming
Clark, John.....	Glasford	Denton, Fred.....	Petersburg
Clarkson, William H.....	Edwards	Dickinson, Joseph (d).....	Norris
Clarkson, Lorenzo.....	Kickapoo	Dickson, Wm. W.....	Colchester
Clifford, Geo. L.....	Oneida	Deitrich, Phillip.....	Freeburg
Cody, Richard.....	Leoria	Dills, Martin.....	New Burnside
Coelspire, G.....	Galesburg	Dilts, Harvey.....	Glasford
Coke, Robert.....	Marion	Dilts, Claud C.....	Fairview
Colburn, John R.....	Vanderboock	Dixon, A.....	Trinceville
Collins, Thomas.....	Collins	Dixon, J. E.....	Kewanee
Collins, A. Y.....	Greenfield	Docherty, Jos. R.....	Pre-emption
Collins, W. N.....	Ava	Dodds, T.....	Lafayette
Colwell, Robert.....	Brimfield	Doering, Wm. F.....	East Peoria
Colwell, H.....	Duncan	Dolan, Peter.....	Wataga
Colwell, George.....	Wyoming	Doner, Louis.....	Green River
Covett, Lewis M.....	Oakwood	Donahue, Edward.....	Sheffield
Cook, Charles.....	Grape Creek	Dorsey, Charles W.....	Kidson
Cook, James K.....	Etherly	Doty, L. B.....	Truro
Cook, W. H.....	Alexis	Dougherty, P.....	Pre-emption
Cook, Louis B.....	Etherly	Dowell, Allen B.....	Campbell Hill
Cook, Wm.....	Peoria	Downing, Chas.....	Danville
Cook, Frank.....	Belleville	Downing, Edward.....	St. David
Coons, Harvey.....	Fairview	Drake, Stephen A.....	Canton
Coons, Chas. J.....	Fairview	Draper, A. L.....	Vandercook
Cooper, Albert W.....	Petersburg	Dryer, Andrew.....	Danville
Cowens, W. P.....	Pickneyville	Dudley, Z. F.....	Knoxville
Combs, J. W.....	Kewanee	Duff, Robert G.....	Kewanee
Compton, Archie.....	Sparland	Dull, E. B.....	Tennessee
Covert, Stephen D.....	Danville	Duncan, John.....	Sheffield
Coulson, Foster.....	Wyoming	Dunn, Harvey.....	Osceola
Cotton, William.....	Peoria		

Mine Managers (Ten Men), Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Dunton, John.....	Canton.....	Frisby, W. E.....	Sparland.....
Durrant, H.....	Brimfield.....	Frost, Michael.....	Danville.....
Durham, Simon.....	Canton.....	Fry, John.....	Ray.....
Dunsford, Charles.....	Absher.....	Fuller, James K.....	Modena.....
		Fustin, William.....	Marion.....
Ebel, August.....	Belleville.....	Gaddis, Ed.....	Hudgens.....
Eccles, Frank.....	North Alton.....	Gahm, Henry.....	Marion.....
Edison, James.....	Ottawa.....	Gainey, Wm. T.....	Carbon Cliff.....
Edwall, C. W.....	Galva.....	Gallagher, W. F.....	Mode.....
Edwards, Thomas.....	Streator.....	Gallowry, John.....	Glasford.....
Edwards, Robert.....	Ava.....	Galbraith, Zacharias.....	Morris.....
Edwards, T. J.....	Crab Orchard.....	Gaine, Thomas.....	Carbon Cliff.....
Edwards, Geo.....	Huntsville.....	Garland, Samuel.....	Kewanee.....
Edwards, David L.....	Coal Valley.....	Gary, George.....	Ray.....
Edwards, A. G.....	New Burnside.....	Geisler, Henry.....	Brighton.....
Edwards, John.....	Danville.....	Gedelman, E. F.....	Freeburg.....
Elmwood, A. B.....	Kewanee.....	Gensol, Joseph.....	Lewistown.....
Elker, Geo. L.....	Knoxville.....	Giebelhausen, Gus E.....	Peoria.....
Elliott, James.....	Caseyville.....	Gergens, Martin.....	Pinckneyville.....
Elliott, Martin O.....	Fairview.....	Gerlach, Geo. F.....	Sparta.....
Elliott, Colvin.....	Fairview.....	Gilbride, Frank.....	Morris.....
Ellis, Ross M.....	Danville.....	Gilderoy, W. W.....	Monmouth.....
Emberling, Geo. H.....	Ellisville.....	Giles, R. W.....	Danville.....
Emerick, Alonzo.....	Farmington.....	Gillette, Charles.....	Elmira.....
Ennis, James.....	Peoria.....	Gillis, Neal M.....	Winchester.....
Ensinger, E. E.....	Crab Orchard.....	Gillis, Fred F.....	Danville.....
Entwistle, W.....	Colchester.....	Gilligan, Jackson.....	Industry.....
Erhardt, Anton.....	Belleville.....	Gladfelter, C. W.....	Victoria.....
Erickson, John.....	Danville.....	Glenn, John.....	Briar Bluff.....
Erikson, August.....	Galva.....	Goble, Frank M.....	Industry.....
Ernst, Frank.....	St. Johns.....	Golden, James.....	Kewanee.....
Espley, J. T.....	Morris.....	Golden, Richard.....	Kewanee.....
Essex, G. W.....	Soperville.....	Goode, Joseph.....	Lombardville.....
Evans, W. T.....	Cuba.....	Goss, Samuel.....	Norris.....
Evans, Ed. L.....	Streator.....	Goody, W. S.....	Brimfield.....
Evans, Lewis.....	Cottage Grove.....	Grant, August.....	Kewanee.....
Evans, W. L.....	Lewistown.....	Gray, Ernest.....	Kewanee.....
Eveland, Ben.....	Lewistown.....	Greear, William.....	Coal Valley.....
Eynman, Albert.....	Lewistown.....	Green, Samuel J.....	Colchester.....
		Green, Henry.....	Canton.....
Faylor, John.....	Pinckneyville.....	Green, Clarence.....	Sparland.....
Fairley, R. J.....	Cambridge.....	Green, Milton.....	Keithsburg.....
Fairley, John.....	Cambridge.....	Grice, Albert.....	Kewanee.....
Farrell, Hugh.....	Monica.....	Griffiths, Edward.....	Roodhouse.....
Faust, Jacob.....	Pinckneyville.....	Griffiths, Thomas W.....	White Hall.....
Fellows, C. P.....	Schuline.....	Griffiths, D.....	Caseyville.....
Fenwick, Geo. A.....	Danville.....	Griffiths, James.....	Grape Creek.....
Finnell, Wm.....	Middle Grove.....	Griffiths, Joseph F.....	Moline.....
Filker, George.....	Farmington.....	Griggs, Allison.....	Brimfield.....
Fink, Frank.....	Truro.....	Grim, David, Jr.....	Victoria.....
Fish, William.....	Anneton.....	Grossman, Louis.....	Smithton.....
Fisher, W.....	Murrayville.....	Groszweller, Joseph, Jr.....	Pekin.....
Fisher, N. J.....	East Peoria.....	Groth, John.....	Carbon Cliff.....
Fisher, Alcide.....	Brighton.....	Groy, Max.....	Kewanee.....
Flemming, Thos.....	Morris.....	Guckert, P. P.....	Hampton.....
Flynn, William.....	Briar Bluff.....	Gunnnett, A. J.....	Fairview.....
Foley, William H.....	Mapleton.....	Gurten, Louis.....	Pinckneyville.....
Forester, W. M.....	Equality.....	Gustafson, Edward.....	Wanlock.....
Fouraker, William.....	Marletta.....	Guy, Thomas.....	Colchester.....
Foster, Geo. W.....	Colchester.....		
Foster, Thurman.....	Carbondale.....	Hagey, Wm. H.....	Lewistown.....
Foster, D. I.....	Rapatie.....	Haiding, James A.....	Wyoming.....
Fox, Thomas.....	Lewistown.....	Hall, John.....	Colchester.....
France, Wesley.....	Fairmount.....	Hall, John.....	Grape Creek.....
France, Michael.....	Fairmount.....	Hall, Charles.....	Dunfermline.....
Francis, Wm. G.....	Streator.....	Hall, Geo. W.....	Newton.....
Francis, C. W.....	Catlin.....	Hallar, W. C.....	Canton.....
Frazell, C. A.....	Farmington.....	Hamilton, John W.....	Frederick.....
Frederickson, Andrew.....	Danville.....	Hamilton, John.....	Cuba.....
French, Strawther.....	Bradford.....	Hamilton, Gall G.....	Frederick.....
French, Alonzo.....	Yates City.....	Hammon, John, Jr.....	Millstadt.....
Frisby, E. O.....	Sparland.....		

Mine Managers (Ten Men), Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Hammett, Otho J.	Chillicothe	Hudson, Samuel.	White Hall.
Handly, John L.	Coal Valley.	Humes, Michael.	Colchester
Hannmann, Wm.	Okawville	Hummel, John A.	St. Johns
Harbaugh, Geo. W.	Chesterfield	Hunter, Horace L.	Briar Bluffs.
Harnisch, Ernest.	Brighton	Hurst, John.	Belleville
Harpole, Geo.	Golden Eagle.	Hurst, Lot.	Bartonville
Hartman, Geo.	Millstadt		
Harrington, Frank.	Farmington		
Harrington, D.	Danville	Isackson, Martin.	Wataga
Harris, A. J.	Tilton	Isaacson, P. O.	Wataga
Harris, David.	Hanna City.	Ingram, Robert H.	Sparland
Harris, Oliver.	Canton	Ingram, J. S.	Harrisburg
Harris, James S.	DuBois	Irwin, James.	Green River.
Harris, Hardy.	Catlin	Irwin, Fred.	Smithton
Harriman, John.	Peoria	Irwin, Harry.	Petersburg
Harvey, John.	Murphysboro	Ivans, W. A.	Cottage Grove. ..
Haskins, Alfred.	Grape Creek.		
Hatfield, Charles.	Danville		
Hauck, Henry L.	Fosterburg	Jacobs, John.	Wataga
Havens, Bert.	Truro	Jacobs, Claude.	Danville
Hayes, C. G.	Kewanee	Jacquot, Augustare.	Danville
Heathcock, George.	Princeton	Jack, John.	Marion
Heather, James.	Morris	Jamieson, E. J.	Loding
Heintz, A. F.	Kickapoo	Jamieson, Guy.	Loding
Heitzman, Jacob.	Bartonville	Jarrell, Miles.	Cottage Grove. ..
Heitzman, Xaver.	Bartonville	Jayne, Richard.	Cuba
Hendee, Isaac.	Bernadotte	Jenkins, D. A.	Danville
Henry, Samuel.	Danville	Jenner, A. T.	Piackneyville
Henson, John E.	Denmark	Jennings, P. M.	Industry
Hennemann, Charles.	Belleville	Johnson, Arthur.	Belleville
Herman, John.	Oraville	Johnson, C. E.	Canton
Herman, John.	Kewanee	Johnson, Gus.	Kewanee
Heckstrom, E.	Victoria	Johnson, Cornelius F.	Middletown
Herrington, Thomas.	Princeton	Johnson, Ashford.	Hanna City.
Herseman, Herman.	East Peoria.	Johnson, J. E.	Farmington
Hewitt, William B.	Chenoa	Johnson, Benjamin.	Smithboro
Hews, W. B.	Canton	Johnston, James H.	Dunfermline
Hibberd, Lewis W.	Peoria	Jones, W. L.	Wyoming
Hickson, David.	Ottawa	Jones, C. S.	Bradford
Hicks, Wm. E.	Crab Orchard.	Jones, W. W.	Bradford
Hickman, Willis.	Frederick	Jones, A. J.	Peoria
Higbee, Lawrence.	Princeville	Jones, William.	Colchester
High, Charles.	Danville	Jones, A. H.	Colchester
Hissong, Charles.	Tilden	Jones, James A.	Winchester
Hibbard, George A.	Limestone	Jones, James H.	Streator
Hilliard, E.	Colchester	Jones, John L.	Peoria
Hillier, Walter T.	Carbondale	Jones, Jackson.	Winchester
Hillier, Jesse.	Rapatee	Jones, Wm. J.	Kewanee
Hind, Robert.	Sallsbury	Jones, Evan A.	Catlin
Hinderer, Frank.	Frederick	Jones, Arthur.	Viola
Hoar, William.	Colchester	Jones, Thomas.	Peoria
Hobby, Wm. H.	Colchester	Jones, Andrew.	Winchester
Hodge, S. M.	Danville	Jones, William.	Mapleton
Hodge, John W.	Rushville	Jones, John.	Clark City.
Hodge, Benjamin A.	Danville	Joos, Conrad.	Peoria
Hodgett, Absalom.	Kewanee	Jordan, Will.	St. David.
Hodgson, Wm.	Colchester	Jordan, John L.	Trivoli
Hodson, James.	Danville	Jordan, E. S.	Newton
Hoenback, Wm. E.	Rapatee	Joubost, George.	Grayville
Hogercamp, Walter.	Pontiac	Jourdan, Wm. L.	Smithton
Hohimer, Harry.	Petersburg	Joyce, C. T.	Canton
Holley, Wm. G.	Wyoming		
Holman, W. A.	Vandercook	Kabel, Herman.	Moro
Homer, R. H.	Lebanon	Kabel, Geo.	Moro
Horrocks, Benj.	Henry	Kavanaugh, J. A.	Colchester
Hosby, Joseph.	Danville	Kay, James.	Atkinson
Houseman, Fred.	Fosterburg	Kay, William H.	Morris
Howard, Daniel.	Georgetown	Kay, Bert.	Atkinson
Howard, Charles.	Modena	Kay, Robert.	Briar Bluff.
Howe, Wm.	Streator	Kay, William G.	Atkinson
Huber, W. H.	Lewistown	Kelly, Thomas.	Grape Creek.
Hughes, John.	Petersburg		
Huffman, Wm.	Pre-emption		
Huggins, L. D.	Canton		
Huggans, D. E.	Streator		

Mine Managers (Ten Men), Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Kear, George G.	Sparland	Loy, D. O.	Atkinson
Kearney, John	Shelbyville	Lucking, Edward J.	Fosterburg
Keel, W. L.	Stonefort	Lucking, Lewis	Brighton
Keen, A. G.	Friendsville	Lucking, Chas. H.	Brighton
Kemerling, James	Sheffield	Lunceford, John H.	Bunker Hill
Kempin, Henry	Kewanee	Luehrs, G. Henry	Campbell Hill
Kerr, William	Rushville	Lyle, Charles W.	Brighton
Kershaw, J. W.	Briar Bluff	Lyons, Maxwell	Coal Valley
Kidd, J.	Roseville		
Kielhorn, Wm. C.	Shawneetown		
King, Ambrose L.	Victoria	Mable, William	Fairview
Kilgore, Wm. T.	New Burnside	Magnusson, Elof	Danville
King, Joseph	Pekin	Mahler, G. W.	Ray
King, Henry R.	Campbell Hill	Malone, Harry	Duquoin
King, Isaiah	Wyoming	Mallergren, James W.	Petersburg
Kingston, Paris	Equality	Manies, William	Go'den Eagle
Kimes, Oscar	Streator	Mansill, Richard	Rock Island
Kipling, William	Colchester	Market, Albert	Roodhouse
Klingenfus, Emil	Belleville	Martin, William, Sr.	Colchester
Kineman, John	Ipava	Martin, G. W.	Laoc
Knickerbocker, Edwin	Fairview	Martin, J. B.	Laoc
Kirkbridge, John	Vermont	Martin, J. W.	Formington
Knoth, John	Roodhouse	Martin, Fred	Peoria
Kohlman, Fred	Rapid City	Martin, John H.	Canton
Kortkamp, A.	North Alton	Martin, Patrick	Peoria
Kras, Frank	Edwardsville	Martin, William, Jr.	Colchester
		Martin, David A.	Canton
		Martin, Geo.	Kewanee
Lamay, David	Monica	Marriage, Joseph	Grape Creek
Lamb, Edwin	Kewanee	Marxer, Joseph	Millstadt
Lamb, John	Maple Hill	Marshall, G. A.	Cuba
Lambert, Austin H.	Keensburg	Marshall, J. C.	Caseyville
Lane, James	Peoria	Mason, Frank A.	Carbondale
Laity, Richard	Colchester	Marley, Richard	Adkinson
Lauf, Jacob	Belleville	Marley, Robert	Adkinson
Lauer, Nick	Pickneyville	Massey, Jesse	Streator
Lawrien, John	Old Berlin	Mathew, T. J.	Stonefort
Lealand, John	Grape Creek	Matsinger, Theodore	Crab Orchard
Lebendorfer, C. W.	Pre-emption	Matson, Andrew	Williamsfield
Lee, Thomas	Youngstown	Mauck, Joseph	Danville
Lee, James	Alexis	Mauck, L. F.	Danville
Leeper, Charles W.	Cable	Maywood, Henry	Gi'christ
Lendquist, O. W.	Equality	May, James	Lewistown
Leeper, Charles W.	Galesburg	Medearis, Jas.	Henry
Leverich, O. G.	Danville	Meiker, B. F.	Danville
Lewis, Charles E.	Cambridge	Melvin, Leo	Kewanee
Lewis, Thomas	Cartersville	Melvin, R.	Kewanee
Liewrance, B.	Youngstown	Mellegram, John	Petersburg
Lillman, Alfred	Cable	Meller, Louis	Brighton
Lincoln, E.	Kewanee	Memmer, L.	Canton
Lind, Charles	Danville	Mercy, Geo.	St. David
Linden, P.	Canton	Mercer, L. W.	St. John
Lind, August	Danville	Mercer, Robert	Vermont
Lindbeck, P.	Wataga	Merrrow, G. W.	Crab Orchard
Lindsay, P. A.	Middle Grove	Merrill, R. M.	Campbell Hill
Lingast, L.	Grape Creek	Mescher, W. T.	LaHarpe
Lingenfelter, J. R.	Canton	Mertz, Wm. M.	Ottawa
Link, Alex. E.	Sunny Hill	Miffs, Henry	New Douglas
Little, George	Roseville	Milan, Daniel	Soperville
Little, John T.	Roodhouse	Milan, Joseph	Soperville
Little, J. H.	Roodhouse	Miller, William	Caseyville
Littlefield, Joseph	Brimfield	Miller, George A.	Danville
Lively, James	Freeburg	Miller, Silas	Grape Creek
Llewellyn, Edw.	Danville	Miller, Eliza	Grape Creek
Lloyd, Elisha	Danville	Miller, Smith	Mapleton
Lloyd, Beni. F.	Danville	Miller, L. S.	Grape Creek
Lloyd, D. E.	Danville	Miller, George A.	Danville
Long, C. E.	Danville	Miller, C. G.	Youngstown
Lockane, David L.	Lewistown	Miller, Wm. J.	Cable
Lock, Wm. H.	Cuba	Mitchell, Robert T.	Prairie town
Lodging, E.	Loding	Mitchell, Robert J.	Shawneetown
Loper, J. B.	Chesterfield	Mobaker, John	Danville
Lord, James	Galva	Molloy, John	North Alton
Lowry, Samuel	Lewistown	Monroe, Archte	Carriers Mills

Mine Managers (Ten Men), Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Montgomery, John.....	DeSoto.....	Nelson, Chris.....	Chandlerville...
Montooth, Chas.....	Bradford.....	Nelson, Andrew.....	Fairview.....
Mootman, Mark.....	Illinois City.....	Nenneker, Andy.....	Bushnell.....
Morrison, Alva.....	Modena.....	Nenneker, Fred.....	Bushnell.....
Moore, John K.....	Orien.....	Nesbit, Thomas.....	Ava.....
Moore, Nanly.....	Saline Mines.....	Neville, Wm.....	Catlin.....
Moore, W. F.....	Victoria.....	Newell, J.....	Sparland.....
Moore, Sim J.....	Cottage Grove.....	Newton, F. B.....	Modena.....
Moran, Michael F.....	Sheffield.....	Newton, Geo. H.....	Toulon.....
Morrison, D. D.....	Danville.....	Newton, B. F.....	Bradford.....
Morris, Mordica.....	Failet.....	Nibbelin, John.....	Elwood.....
Morris, Geo. J.....	Millersburg.....	Nighswonger, Asa.....	Sparland.....
Morgan, Charles.....	Oneida.....	Nodeon, E. W.....	Wataga.....
Morgate, W. B.....	Cuba.....	Norein, A. G.....	Sheffield.....
Mordue, Geo.....	Co'chester.....	Norris, Floyd.....	Duquoin.....
Mosher, Charles.....	Etherly.....	Nozley, Alfred.....	Golden.....
Moss, Oliver.....	Vergennes.....	Nyde, John E.....	Galva.....
Morton, T. J.....	Danville.....		
Mowbray, Jno.....	Atkinson.....	O'Brian, William.....	Cuba.....
Muir, George.....	Victoria.....	O'Briant, James.....	Georgetown.....
Muir, Richard.....	Peoria.....	O'Daniel, Arthur.....	Danville.....
Munts, William.....	Streator.....	Oldham, Samuel.....	Colchester.....
Mulvany, Chris.....	Farmington.....	O'dham, Ralph.....	Colchester.....
Murphy, Fred.....	Belleville.....	Oliver, C. W.....	Breeds.....
Murphy, Led.....	Monmouth.....	Olson, August.....	Grape Creek.....
Murphy, Hiram.....	Macomb.....	Odum, D. B.....	Carrier Mills.....
Murphy, James.....	Belleville.....	Owens, Orbly G.....	Stonefort.....
Murphy, J. J.....	Fairview.....		
Murphy, Chas. H.....	Canton.....	Pahlman, H.....	Bluffs.....
Murphy, W. H.....	Canton.....	Parker, William.....	Milan.....
Murchesin, Kenneth.....	Kewanee.....	Parker, W. G.....	Winchester.....
Murray, Samuel.....	Monmouth.....	Parie, Sylvester.....	Danville.....
Mustard, Elijah.....	Canton.....	Parle, James.....	Danville.....
Muzzy, William H.....	Peoria.....	Parr, Sam.....	Fairview.....
Myers, W. H.....	Carbondale.....	Parr, Joseph.....	Princeville.....
Myers, Geo.....	Ottawa.....	Parthan, M.....	Sato.....
Myers, Perry.....	Bethalto.....	Patton, Wm. A.....	Kramm.....
Myers, Chas. A.....	LaHarpe.....	Paul, John.....	Sheffield.....
McAnnally, Jno.....	North Alton.....	Payne, Charles C.....	St. John.....
McBride, W. T.....	Fairview.....	Pearson, William M.....	Astoria.....
McBroom, Charles.....	Canton.....	Pearson, John.....	Colchester.....
McCartney, C. T.....	Alexis.....	Peck, E. F.....	Canton.....
McDaniel, Chas. C.....	Wyoming.....	Pendergast, John.....	Soperville.....
McClure, Marion.....	Colchester.....	Penman, James.....	Streator.....
McCullough, Jas.....	Ottawa.....	Penman, William.....	Pre-emption.....
McConn, Milo.....	Carterville.....	Penn, George.....	Belleville.....
McDaniels, Theodore T.....	Wyoming.....	Penn, Henry.....	Brimfield.....
McDonald, Samuel.....	Moro.....	Perkins, John E.....	Osceola.....
McE'wee, Charles P.....	Winchester.....	Perkins, J. B.....	Ray.....
McGovern, T. B.....	Oneida.....	Perdue, Joseph.....	Hudgens.....
McGovern, S.....	Oneida.....	Perry, D. E.....	Colchester.....
McGuire, John.....	Alsey.....	Peters, Bernard.....	Swansea.....
McGuire, Patrick.....	Winchester.....	Peters, M.....	Streator.....
McIntire, Geo.....	Industry.....	Peterson, August.....	Soperville.....
McIntire, James.....	Aledo.....	Peterson, Nicholas.....	Osceola Twp.....
McKanahan, Samuel R.....	Alexis.....	Petrie, George.....	Pekin.....
McKane, R.....	Galva.....	Phillips, Sebirt.....	Carbondale.....
McKeen, William H.....	Danville.....	Phillips, Geo. A.....	Carterville.....
McKinney, Charles.....	Cottage Grove.....	Preston, Bryan B.....	Cable.....
McLain, William H.....	Equality.....	Presswood, C.....	Pinckneville.....
McLaughlin, Joseph.....	R. F. D. No. 5.....	Price, Benjamin.....	Kewanee.....
McMichael, T. M.....	New Burnside.....	Pichon, Joseph.....	Danville.....
McMillan, William J.....	Streator.....	Pickett, George.....	Danville.....
McNaught, Henry.....	Williamsfield.....	Pistor, William.....	Millstadt.....
McNell, Wm.....	Griffin.....	Polonius, George.....	Colchester.....
		Polhemus, A. B.....	Danville.....
Nace, C. B.....	Farmington.....	Pollitt, James H.....	Canton.....
Neave, James.....	Mineral.....	Pollitt, G. A.....	Canton.....
Nelson, James.....	Knoxville.....	Poole, Plimmeh.....	Danville.....
Nee, John J.....	Colchester.....	Poore, William.....	Kickapoo.....
Nelson, Louis.....	Streator.....	Posten, M. W.....	Briar Bluff.....
Nelson, Nels.....	Ottawa.....	Porter, William H.....	Macomb.....
Nelson, John S.....	Morris.....		

Mine Managers (Ten Men), Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Porritt, Thomas.....	Carterville	Roberts, Henry F.....	Modena
Portwood, James.....	Lewistown	Roddiss, Charles.....	Ipava
Potter, L.....	Mapleton	Roddiss, William.....	Ipava
Powers, James.....	New Burnside.....	Rodamski, Wm.....	Gilchrist
Powell, Cliff.....	Fairmont	Rodell, Frank.....	Wataga
Powell, John A.....	Mapleton	Rogers, David.....	Kickapoo
Pratt, William.....	Danville	Rohr, Joseph C.....	Alexis
Presson, J. A.....	Carbondale	Roland, Adolph.....	Grape Creek
Price, John.....	Wyoming	Romine, Wilson.....	Youngstown
Price, Clarence H.....	Macomb	Romine, William.....	Roseville
Price, Gilford.....	Marion	Ronk, G. H.....	Canton
Proctor, Christopher.....	Elmwood	Rook, John.....	Brimfield
Pugh, Geo. J.....	Ava	Roosa, V. L.....	Pleasant View
Putnam, Jonah S.....	Danville	Rose, James.....	Equality
Putnam, Lewis.....	Dunfermline	Royse, Sylvester.....	South Danville
Pyle, Joseph F.....	Kewanee	Ryan, Philip.....	Ashland
		Russell, John R.....	Danville
Raddlebeck, Joseph.....	Brimfield		
Raffee, Robert.....	Farmington	Sackville, James.....	Coal Valley.....
Rains, Charles.....	Oraville	Sample, John.....	Laura
Rakestraw, John W.....	St. David.....	Saunders, W. G.....	Monica
Rand, John.....	Bryant	Saunders, David T.....	Peoria
Rands, Thomas.....	Chesterfield	Saupe, John J.....	Peoria
Randliffe, Arthur.....	Neponset	Savill, Charles A.....	Canton
Ratley, Charles.....	Cypress Junction	Savill, Jesse.....	Modena
Ray, A. B.....	Catlin	Scanlon, M. C.....	Canton
Rayse, Charles.....	Danville	Schaffer, William.....	Danville
Ratley, James E.....	Equality	Shilling, Dominic N.....	Belleville
Ray, William.....	Danville	Schmidt, August.....	Millstadt
Rayborn, George.....	Winchester	Schmidt, George.....	Millstadt
Reed, William.....	Soperville	Schmidt, John J.....	East Peoria.....
Rennick, William C.....	Modena	Schmidgall, Jno. L.....	Murphysboro
Reed, W. B.....	Wilsman	Schneider, Joseph G.....	Pinckneyville
Reed, John.....	Herrin	Scholte, William.....	Kickapoo
Reeve, Ed.....	Glasford	Schroeder, Fred C.....	Coal Valley.....
Reib, Conrad.....	Belleville	Schultz, Fred.....	Braceville
Reid, J. Thomas.....	Saline Mines.....	Schuster, John E.....	East Peoria.....
Reinhardt, Frank.....	Wataga	Schimmf, J. B.....	Virgennes
Reinhardt, Conrad.....	Blair	Scott, John.....	Modena
Reiff, Jacob.....	Kewanee	Scott, James.....	Wyoming
Rettle, Frank A.....	Colleville	Scott, Frank.....	Danville
Reisinger, Chas. L.....	Pinckneyville	Seibrick, J.....	Monmouth
Reeves, John.....	Hudgens	Sebek, John.....	Braidwood
Revis, J. H.....	Roodhouse	Sellars, George.....	Winchester
Reynolds, James.....	Colchester	Seffer, Henry.....	Peoria
Renshaw, John.....	Eden	Sergeant, Frank.....	Belleville
Reese, Lemuel.....	Streator	Schaffer, Michael.....	Ava
Rhoades, Benjamin.....	Shelbyville	Shafer, Solomon.....	Summun
Ribley, R.....	Cuba	Shea, John G.....	Danville
Richardson, John.....	Shelbyville	Sherbine, Abe.....	Macomb
Richardson, William.....	Moro	Sherrett, James.....	E. Peoria.....
Richards, Thomas.....	Ottawa	Sherman, Opp.....	Collinsville
Rich, John C.....	Carbondale	Shreffler, R. D.....	Pekin
Richard, George.....	French Village.....	Shelton, W. J.....	Cottage Grove.....
Richey, C. H.....	Peoria	Shepherd, Wm. A.....	Catlin
Riegels, Adolph.....	Golden Eagle.....	Shore, William.....	Chandlerville
Riley, J. R.....	Breeds	Silvis, S.....	Carbon Cliff
Riley, Michael.....	Braidwood	Simmons, Alfred B.....	Roodhouse
Riley, Cyrus W.....	Mineral	Simons, William H.....	Monica
Riley, Elero.....	Atkinson	Sincox, John.....	Alexis
Ringer, Benjamin.....	Morris	Simpson, Charles.....	Wataga
Rink, Ernst H.....	Fosterburg	Simpson, Newton M.....	Ray
Riordan, John H.....	Pinckneyville	Simpson, Joseph.....	Youngstown
Robbins, J. W.....	Glasford	Simpson, Gust A.....	Oneida
Robinson, Benjamin.....	Wyoming	Sitting, H. P.....	Stonefort
Robinson, William.....	Colchester	Silment, James.....	Center Station.....
Robinson, J. M.....	Elmira	Sloan, Miles B.....	Etherly
Robinson, John W.....	Wyoming	Smith, John.....	Atkinson
Robinson, Robert.....	Wyoming	Smith, A. J.....	Saline Mines.....
Robinson, Walter.....	Mapleton	Smith, Geo. W.....	Colchester
Robinson, William H.....	Macomb	Smith, James.....	Princeton
Roberts, Evan D.....	Streator	Smith, B. F.....	Modena
Roberts, David.....	Orchard Mines.....	Smith, John.....	Frederick

Mine Managers (Ten Men), Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Smith, Arthur.....	Vermont	Taylor, J. W.....	New Burnside..
Smith, Thomas B.....	Streator	Teague, James.....	Winchester
Smith, Thomas.....	Ottawa	Teel, James.....	Industry
Smith, Charles.....	Sparland	Telfer, John K.....	Morris
Smith, John.....	Danville	Telfer, John W.....	Morris
Smith, Leonard.....	Atkinson	Tesdale, Henry.....	Morris
Smith, Samuel S.....	Canton	Thomas, Lewis E.....	Danville
Sornberger, John.....	Victoria	Thompson, Jacob.....	Grape Creek...
Sowerly, Joseph.....	Streator	Thompson, James F.....	Ray
Spangler, H.....	Danville	Thompson, D. L.....	Marion
Spangler, Charles.....	Danville	Thompson, Joseph.....	Etherly
Sparks, Charles.....	Crab Orchard	Thompson, Joe.....	Grape Creek...
Sparks, Edgar.....	Astoria	Thompson, John D.....	Macomb
Spencer, Charles.....	Victoria	Thom, Benjamin.....	Etherly
Spiller, Henry.....	Herrin	Thomas, William.....	Streator
Spitzner, Jacob.....	Equality	Thomas, James.....	Danville
Sponsler, Elmer.....	Carbondale	Thomas, George.....	Sheffield
Springman, Ed.....	Brighton	Thomas, Samuel.....	Catlin
Springs, B. H.....	Pinckneyville	Thurston, John H.....	Wyoming
Stader, W. H.....	Equality	Tilley, Wm.....	Duquoin
Starrick, A. J.....	Marion	Tingley, Perry J.....	Vermont
St. Clair, James A.....	Macomb	Todd, Ralph.....	Kewanee
Stevens, Isaac.....	Cuba	Todd, Geo. B.....	Catlin
Staton, Joseph.....	Pekin	Todd, John.....	Victoria
Stearling, B. H.....	New Athens	Toney, A.....	Grape Creek...
Stevens, John.....	Cuba	Tomkins, C. S.....	Mineral
Stewart, Wm.....	Colchester	Tompkins, Harvey.....	St. David
Steiner, Daniel F.....	Atkinson	Towner, L. H.....	Bluff City
Stine, William.....	Danville	Tracy, Edwin F.....	Beardstown
Stockert, Jacob F.....	Arenzville	Treasurer, William.....	Essex
Stoehr, Edward.....	Carbon Hill	Tucker, Charles.....	Mineral
Stone, Isaac.....	Colchester	Tucker, Edward.....	East Peoria
Stone, William.....	Colchester	Tucker, P. F.....	Whitehall
Stone, Charles.....	Colchester	Tulk, M. B.....	Colchester
Stone, Thomas.....	Carbon Cliff	Tully, P. F.....	Brimfield
Stoneking, A. L.....	Fandon	Turner, John.....	Lewistown
Stookey, Elijah.....	Colchester	Turner, George.....	Lewistown
Storey, Harry.....	Toulon	Twiney, William A.....	Shelbyville
Stout, M. J.....	Fairview	Tygett, John.....	Carbondale
Straley, J. E.....	Canton	Tyla, H.....	Wataga
Straley, James H.....	Norris	Tyler, Church.....	St. David
Strand, Charles.....	Roseville	Tyson, Thomas.....	Marion
Stretch, William.....	Shelbyville		
Strewbinger, Conrad.....	French Village		
Stricklin, Thomas A.....	Marion	Underwood, J. H.....	Equality
Stoeton, O. F.....	Rushville		
Strong, Ralph.....	Pleasant View		
Strong, William.....	Junction	Vandyke, William.....	Canton
Strong, J. P.....	Shawneetown	Van Norman, Samuel P.....	Mapleton
Stufflebeam, Marion.....	St. David	Varner, Wilson.....	Marietta
Stroud, William.....	Marion	Vaughn, Elijah.....	Jubilee
Suggett, William.....	Breeds	Vaughn, William.....	Jubilee
Summerson, John.....	Coal Valley	Vaught, John H.....	Shawneetown
Summerson, Robt.....	Coal Valley	Vezain, George.....	Ottawa
Suydam, John.....	Victoria	Vice, Henry.....	Fairview
Swanson, Axel.....	Cable	Vickery, Henry.....	Pottstown
Swanson, Otto.....	Cable	Vogt, Leon.....	Shawneetown
Swanson, Andrew.....	Colchester		
Swanson, John.....	Danville		
Sweeney, Charles P.....	Vermont	Wages, E.....	Canton
Syddall, Peter.....	North Alton	Wagner, August.....	Kewanee
Swafford, William.....	Duquoin	Wagner, Louis M.....	Belleville
Swan, Chas. W.....	Marion	Wagner, John W.....	Millstadt
Switzer, James.....	Astoria	Walne, James.....	Atkinson
Switscher, Trumont.....	Danville	Wainwright, Arthur.....	Sweetwater
		Wahlburg, Albert.....	Knoxville
		Walck, Peter S.....	Farmington
		Walker, James.....	Mapleton
		Wallis, D. J.....	New Burnside..
		Walsh, John.....	Truro
		Walsh, John.....	Milan
		Walton, A. W.....	Princeton
		Ward, J. D.....	Puller's Mill
		Watkins, W. J.....	Danville
Tarpley, W. S.....	Marion		
Tanner, Anderson.....	Absher		
Tattersoll, George.....	Seneca		
Taylor, James.....	Belleville		
Taylor, Robert.....	Princetonville		
Taylor, Francis.....	Blandinsville		
Taylor, Jno. S.....	Neponset		

Mine Managers (Ten Men), Certificates of Competency—Concluded.

Name.	Postoffice.	Name.	Postoffice.
Watkins, Joe.....	Chenoa	Williams, Dan.....	Canton
Watts, Alexander.....	Paris	Wilkerson, J. F.....	Grape Creek....
Watson, William.....	Wyoming	Willis, Alex.....	Oraville
Watson, James.....	Carterville	Willis, Charles.....	Mapleton
Waugh, Robert.....	Equality	Wilson, George.....	West Jersey....
Wayland, James.....	Colchester	Wilson, John.....	Colchester
Weimer, J. R.....	Cambridge	Wilson, M. H.....	Duquoin
Wearmouth, Thomas.....	Youngstown	Wilson, A. E.....	Macomb
Webster, T. J.....	Danville	Wilson, Thomas E.....	Blandinsville ..
Webster, William.....	Colchester	Wilson, Joseph.....	Swan Creek....
Webster, A. J.....	Danville	Wilson, Anthony.....	Danville
Wellman, John N.....	Paris	Wilson, George.....	Marion
Weiss, W.....	Belleville	Wilson, Arthur.....	Carterville
Wells, E. W.....	Briar Bluff.....	Willstead, Thomas.....	Rio
Welford, T. H.....	Absher	Winchouse, W.....	Danville
West, John C.....	Pine Grove.....	Wings, James.....	LaHarpe
West, John A.....	Pine Grove.....	Wirming, Robert.....	Sato
Westerby, George.....	Farmington	Wisley, H. C.....	Vergennes
Westerlund, John.....	Streator	Wiseman, Ernst.....	Peoria
Whalen, M., Jr.....	Colchester	Witt, John D.....	Paris
Wheelhouse, Samuel D.....	Rushville	Wolf, Jacob.....	Danville
Whittaker, Aaron.....	Roodhouse	Wonderling, Henry.....	Danville
White, Charles F.....	Danville	Wood, Benjamin.....	Pinckneyville ..
White, Charles.....	Wyoming	Woodcock, William H.....	Etherly
White, M. C.....	Pawnee	Wood, Samuel.....	Saline Mines ..
White, Henry.....	Elmwood	Woodbury, John.....	Green River....
White, William J.....	Bartonville	Woodcock, Edward.....	Dunfermline ..
White, John A.....	Frederick	Woods, James.....	St. David.....
Whites, Fred.....	Canton	Woodard, John.....	Oakwood
Whitehurst, M. V.....	Tallula	Woodbridge, Thos. H.....	Marion
Whitehead, John.....	Maple Hill.....	Woodward, W.....	Soperville
Whynn, William E.....	Coal Valley.....	Woodward, Frederic.....	Fairmount
Wickweier, H. H.....	Oak Hill	Wonders, Henry.....	Streator
Wilkinson, M. C.....	Danville	Worthington, H.....	Streator
Wilcox, Wilson.....	Astoria	Wren, T. K.....	Morris
Wilkins, Jefferson.....	Hedron	Wright, Joseph.....	Fairbury
Wiley, Hiram.....	S. Danville.....	Wright, Hiram.....	Danville
Williams, Joseph.....	Mode	Wytcherly, Ed.....	Peoria
Williams, Andrew.....	N. Alton.....		
Williams, James F.....	Kewanee	Yerman, Timothy.....	Cuba
Williams, Jerome.....	Tiskilwa	Young, John A.....	Carterville
Williams, Joseph.....	Preemption	Young, S. J.....	Griffin
Williams, W. J.....	Colchester		
Williams, W. P.....	Laoc	Zetter, Albert.....	Freeburg
Williams, Oren.....	Tiskilwa	Zink, G. W.....	Peoria
Williams, Daniel.....	Rapatee	Zah, John.....	Mt. Pulaski....
Williams, Alfred.....	Boden		

HOISTING ENGINEERS HOLDING CERTIFICATES OF COMPETENCY.

This list includes all the hoisting engineers to whom certificates have been issued prior to January 1, 1908.

Name.	Postoffice.	Name.	Postoffice.
Abcock, C. F.	Nilwood	Baker, James E.	Westville
Ablen, Henry	Breese	Baker, C. H.	Fairmount
Adams, Nelson	Lincoln	Balser, Henry	Springfield
Adams, William H.	Braidwood	Barnhill, H. G.	Assumption
Ainsworth, Samuel, Jr.	Taylorville	Barndill, H. G.	Kinmundy
Aitken, T. G.	Tilden	Barnhill, Oscar B.	Herrin
Aitken, J. S.	Tilden	Barnes, Harry	Norris City
Alexander, Henry	Oglesby	Barber, C. E.	Duquoin
Alexander, W. A.	Roseboro	Barber, C. W.	Duquoin
Allan, Edward	Collinsville	Barber, William G.	Tilden
Allan, Joseph	Collinsville	Barber, Harry	Tilden
Allen, David	Collinsville	Barr, Frank	Centralia
Allen, C. E.	Troy	Bartram, Perry	Ladd
Allen, C. H.	Seneca	Barton, C. W.	Cable
Allgood, William	Springfield	Barton, Charles W.	Fairmount
Altman, H. P.	Collinsville	Bateman, Harry	Murphysboro
Anderson, Henry	Lincoln	Bateman, R.	Murphysboro
Anderson, J. F.	Pinckneyville	Bates, Thomas W.	Winchester
Anderson, W. C.	Elmwood	Bath, Ameston	Cuba
Anderson, Norman A.	Princeville	Barwick, Charles	Cartersville
Anderson, Z. B.	Sparta	Baumgartner, George J.	Edwardsville
Anderson, Charles E.	Belleville	Beard, Charles A.	Streator
Andrews, Solomon	Girard	Beam, Amos	Tice
Andrews, F. R.	Barclay	Beatty, James H.	Mascontah
Anthony, John C.	Belleville	Beatty, George W.	Mascontah
Appleby, John	East Peoria	Beatty, Neptha	Mascontah
Appleton, Thomas	Virden	Beck, Peter L.	Springfield
Archer, Joseph	Barclay	Becker, Fritz	Mt. Olive
Archibald, David	Freeburg	Beckham, John J.	Glen Carbon
Armentrout, Martin	Duncan	Becker, F. M.	Sandoval
Armstrong, W. B.	Larriburg	Beharelle, Alfred	Mapleton
Armstrong, C.	Muncie	Behrend, A. D.	Springfield
Armstrong, William C.	Marion	Beeby, William	Springfield
Arterberry, Albert	Cartersville	Beese, John E., Jr.	Belleville
Ashcraft, Charles C.	Pana	Beese, Charles H.	Belleville
Ashman, Joseph L.	Murphysboro	Bell, Chris	Sherrard
Ashman, Joseph	Murphysboro	Bell, Mark	Danville
Ashman, Oscar	Murphysboro	Bell, Frank	Tallula
Atkin, Robert R.	Tilden	Belt, W. H.	Centralia
Atwater, Stephen	Clark City	Belts, Joseph E.	Belleville
Aughton, Robert H.	Lincoln	Beltz, Joseph L.	Eldorado
Averill, C. P.	Colchester	Beltz, A.	Equality
Avery, William	Lenz Station	Bennett, William	Staunton
Ax, Henry	Edwardsville	Bennight, J. E.	Pawnee
		Bentley, George	Springfield
		Benton, Poolie R.	Herrin
Bailey, James F.	Westville	Benvenuto, Charles	Dawson
Balwir, John	Braidwood	Berens, Peter H.	Coal City
Bailey, Robert	Sunfield	Berg, John	Mt. Olive
Baird, Robert	Sparta	Berkley, N. T.	Cuba
Baker, Darius N.	Spillertown	Bertin, Henry	Pana
Baker, F.	Springfield	Bickerstoff, A. H.	Eldorado

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Blenert, J. O.	Spaulding	Bruggeman, George	Nashville
Bigelow, A. E.	Spaulding	Bruce, James	Athens
Bigelow, George F.	Spaulding	Bryant, Harry E.	Staunton
Biggs, W. A.	Herrin	Buckley, Calvin W.	Sparland
Birzele, Jacob	Girard	Buechler, John	Belleville
Blake, Albert	Streator	Bunge, George	Belleville
Blackman, Ben	Dawson	Burbridge, J. W.	Breton
Blaock, Charles F.	Ninantic	Burgess, Charles E.	Greenview
Blair, George	Streator	Burke, Riley M.	DeSoto
Blue, Jesse	Norris	Buckholder, Oliver W.	Dewmaine
Black, James A.	Troy	Burlinson, Aaron	Percy
Bloomberg, Albert	Sherrard	Burr, Chauncey	Coulterville
Billips, Joseph M.	Kewanee	Bullock, William	Collinsville
Boden, J.	Gilchrist	Bullock, George R.	Carterville
Boettcher, Alfred	Freeburg	Bumgarner, Ross	Ledford
Boggs, Dow J.	Kewanee	Burke, Robert	Oakwood
Boggs, E. W.	Galva	Burrell, G. K.	Farmington
Boggs, G. W.	Galva	Burrows, William	Williamsville
Bohlen, Henry E.	Mt. Olive	Butcher, Thomas	Murphysboro
Bohlender, Edward	Pekin	Butcher, Hansel	Georgetown
Bolton, Mark	Gilchrist	Butt, Thomas R.	Litchfield
Bookstaver, Joseph	Duquoin	Byrne, Michael	LaSalle
Bonnett, John, Jr.	Danville		
Bonnett, A. H.	Collision		
Bonstead, W. P.	Coal City	Cagle, Alfred	Marion
Bonton, Vaughn	Princeville	Cain, Daniel	Ridgely
Boots, James Franklin	Germantown	Cain, Daniel P.	Ridgely
Boring, Frank L.	Odin	Cain, John	Ridgely
Boroughs, Wade	Athens	Callear, Isaac	Pottstown
Bostwick, George	Farmington	Callier, George H.	Peoria
Boston, William H.	Murphysboro	Cameron, Daniel	Pana
Boswell, William	Dunfermline	Camp, John R.	Westville
Boswell, L. R.	Marion	Campbell, A.	Peoria
Bolles, William	Auburn	Campbell, Fred	Sorento
Bottomley, B.	Paisley	Campbell, T.	Coal City
Boul, Leonard	Belleville	Campbell, W. J.	Coal City
Bourne, Archibald	Marion	Campbell, William T.	Cable
Bowen, Geo.	Gillespie	Cantrell, H. T.	Farmington
Boyd, Alex.	Kangley	Cantrall, Lloyd	Athens
Bradbury, R. D.	Carbondale	Carlson, Alexander	Galva
Bradenburg, F.	Belleville	Carmichael, Thomas	Springfield
Braden, Charles	Eldorado	Carmichael, John	Berlin
Bradley, Simon	Edwardsville	Carpenter, Charles	Girard
Brants, Eliot G.	Pekin	Carpenter, James T.	Oakwood
Bradford, Herman	Mt. Vernon	Carr, Robert H.	Freeburg
Bradford, William P.	Virden	Carrier, M. E.	Carrier Mills
Bradshay, Kenneth	Herrin	Carrington, Eugene	Moweaqua
Brady, James G.	Peoria	Carsell, Hugh	Moweaqua
Brady, Wilbert J.	Seatonville	Carter, Albert J.	Cutler
Brasel, S. R.	Centralla	Carter, Roy	Barclay
Brayfield, Newton	Carterville	Carter, W. E.	Barclay
Bretz, Anton	Germantown	Carter, Chas. E.	Willisville
Bretz, Matt.	Belleville	Castleman, William F.	Springfield
Brigham, Robert	Tamara	Carter, Charles H.	Barclay
Briarty, Wm. M.	Duquoin	Carter, Ernst	Glen Carbon
Broderick, James	Braidwood	Catlin, Horace W.	Harrisburg
Bromley, Charles	Coal City	Caudle, James F.	Sorento
Bromley, George, Sr.	Catlin	Caulk, Arthur	Sorento
Bromley, George, Jr.	Kellyville	Cearing, Samuel A.	Springfield
Broughton, George C.	Coffeen	Chambers, G. W.	Nokomis
Brother, David	Mt. Pulaski	Chance, Jesse, Jr.	Farmington
Brown, George A.	Iles Junction	Chapman, J. B.	Petersburg
Brown, C. T.	Cuba	Chapman, William E.	Salisbury
Brown, H. L.	Duquoin	Charles, Thomas	Coal City
Brown, James A.	Springfield	Charneckey, Walter	Spring Valley
Brown, Thomas	Moweaqua	Charpenter, Joseph	Braidwood
Brown, William F.	Pontiac	Cherry, William	Pawnee
Brown, William H.	Duquoin	Chesney, O.	Breese
Brown, Edward E.	Sparta	Chester, David	Springfield
Brown, William	Murphysboro	Chow, Oliver	Sato
Brown, Marion	Taylorville	Chew, B. R.	Carlinville
Brown, Lindolph	Marion	Chitwood, William H.	Catlin
Brubeck, John W.	Pawnee	Chorlton, Thomas	Birkner
Brueggemann, Michael A.	Belleville	Church, Van L.	Duquoin

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Church, William.....	Marissa	Cumming, George A. P. .	Gardner
Christ, Philip.....	Wenona	Cumming, George P. .	Sparland
Clark, Corey.....	Coal City.....	Cummings, Robert W. .	Sparta
Clark, Harvey.....	Westville	Cunningham, William. .	Swanwick
Clark, Christopher.....	Decatur	Cutler, Frank H.	Princetonville
Clark, C. C.	Girard	Cutler, Scott.....	Duquoin
Clark, C. N.	Duquoin		
Clark, John.....	Marquette		
Clark, John R.	Virden		
Clark, John.....	Virden	Daenzer, Anton.....	Glen Carbon.....
Clark, Quintin.....	Braidwood	Dohm, John, Jr.	Belleville
Clark, Henry L.	Petersburg	Dalhour, Frank C.	Staunton
Claudin, Josh.	Pekin	Dalton, Isam.	Yates City.....
Clayton, William.....	Collinsville	Daly, Thomas.....	Diamond
Clayton, D. J.	Johnson City.....	Dana, John W. C.	Springfield
Clay, Elmer.....	Kangasley	Daniel, James.....	Belleville
Clickner, C. S.	Witt	Daniels, Joel.....	Belleville
Clifford, Michael.....	Kewanee	Daniel, Jacob.....	Wyoming
Clifton, William H. .	Sparland	Dankins, Thomas J. .	Braceville
Cline, John.....	LaSalle	Darmstader, William. .	New Athens
Clink, Charles.....	Springfield	Dave, R. J.	Glen Carbon.....
Coan, James.....	Westville	Davenport, George.....	Harrisburg
Coatney, Grant.....	Fairmount	Davenport, Thomas.....	Harrisburg
Coburn, W. A.	Princetonville	Davis, B. D. Thomas. .	Coffeen
Collinton, Charles.....	Belleville	Davis, Carl.....	St. John.....
Collingwood, William. .	Greenview	Davis, Cyrus.....	Marion
Collingwood, Albert E. .	Springfield	Davis, C. E.	Divernon
Collins, Walter.....	Mt. Vernon	Davis, Frank.....	St. John.....
Collins, John.....	Birkner	Davis, James A.	Hillsboro
Colton, George C.	Carterville	Davis, Charles W.	Edinburg
Colwell, W. P.	Canton	Davis, Jackson.....	Athens
Compton, James.....	Colfax	Davis, E. E.	Auburn
Compton, Stephen B. .	Sorento	Davis, Frank.....	Lincoln
Conley, John.....	Streator	Davis, Harry J.	Duquoin
Conley, Clarence.....	Herrin	Davis, James P.	Belleville
Connelly, J. J.	Murphysboro	Davis, John W.	Lake Creek.....
Conway, John.....	Collinsville	Davis, John.....	Belleville
Conway, Michael.....	Ladd	Davis, L. D.	Coffeen
Conner, A. B.	Cuba	Davis, Thomas.....	Belleville
Cook, G. E.	Hallidayboro	Davis, Hardin.....	Eldorado
Cook, John.....	Peoria	Davis, William H.	Fairbury
Cook, James.....	Harrisburg	Davis, Charles A.	Belleville
Cook, William D.	Westville	Davison, John G.	St. John.....
Cook, George.....	Carbon Hill.....	Davison, Joseph.....	Sherrard
Cook, Tom.....	Duquoin	Dawson, Van C.	Spring Valley... ..
Cook, John.....	Elkville	Dawson, John C.	Streator
Cook, Philip.....	Duquoin	Davidson, Arthur.....	Oakwood
Cooper, J. H.	Nilwood	Day, James.....	Peoria
Colbert, Charles.....	Divernon	Day, Benjamin F.	Peoria
Corbin, Earl.....	Rutland.....	Dayton, William.....	Pekin
Cornelius, Richard.....	Fairmount	Deans, Robert.....	Belleville
Cottle, Elmer.....	Buffalo	Deaton, L. B.	Tallula
Coughlin, John.....	LaSalle	Deaton, William S.	Greenview
Cotton, George.....	Hallidayboro	DeBacher, Thomas.....	Elmwood
Coughlin, Peter.....	LaSalle	Decker, William.....	Oglesby
Cox, John.....	Ledford	Dee, Henry.....	Glen Carbon.....
Cox, William.....	Rutland.....	DeJarnett, Thomas.....	Mt. Vernon.....
Caddock, Robert.....	Auburn	Delmore, Frank.....	Springfield
Craft, George.....	Kang'ey	Delapp, Robert E.	Willisville
Craig, Daniel G.	Danville	DeCorey, William.....	Westville
Craig, Daniel.....	Danville	Dempsey, Columbus.....	Harrisburg
Crenshaw, D. B.	Harrisburg	Dent, Will.....	Diamond
Crenshaw, J.	Marion	Denton, Fred.....	Petersburg
Crews, Jesse.....	Hallidayboro	Derrington, Walter.....	Herrin
Crinigan, Barney.....	LaSalle	Denton, O. N.	Coffeen
Crofts, James.....	Cardiff	Denton, William.....	Petersburg
Croker, Edward.....	Marquette	Derrington, Clark.....	Herrin
Crouch, Milard F.	Nilwood	Devlin, Francis.....	Clark City.....
Crowther, John.....	Carterville	Dick, Robert.....	Sunfield
Cryder, James F.	Divernon	Dillon, John.....	Auburn
Cruckshanks, Robert.....	Middle Grove.....	Dillon, William.....	Auburn
Cruckshanks, John.....	East Peoria	Dixon, Frederick W. .	Springfield
Cruckshanks, William A. .	East Peoria	Dixon, George.....	Wenona
Cruthers, Zina B.	Taylorville	Dodd, Samuel H.	Pottstown
Cummings, George.....	Pana	Dodwell, Edward.....	Decatur

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Donaldson, James.....	Kangley	Eydman, Henry.....	Coulterville
Doolin, E. W.....	Pontiac	Eynon, David.....	Duquoin
Dochring, Fred.....	Mt. Olive.....		
Douck, John.....	LaSalle	Fabrey, A.....	Braceville
Dougherty, Frank.....	Taylorville	Fahay, John.....	Decatur
Donaldson, J. W., Jr.....	Dunfermline	Fairie, William.....	Cambridge
Donaldson, James.....	Kangley	Falkenstein, George A.....	Astoria
Donnelly, J.....	Springfield	Farmer, Richard.....	Glen Carbon
Doolin, E. J.....	Pontiac	Farmer, Frank.....	Bloomington
Dougherty, Joseph.....	Taylorville	Farley, James.....	Riverton
Dove, C. W.....	Glen Carbon	Farwood, L. C.....	Springfield
Dowles, Fritz C.....	Breese	Fay, John E.....	Murphysboro
Dowler, John.....	Auburn	Fenton, M. H.....	Streator
Dowling, Ira F.....	Springfield	Ferguson, J. B.....	Divernon
Downing, Robert D.....	Bartonville	Ferguson, John J.....	Spring Valley.....
Downes, J. L.....	Johnson City	Ferren, Edward.....	Barclay
Downs, L.....	Cuba	Ferris, W. H.....	Marquette
Driscel, Fred W.....	Taylorville	Field, Berton.....	Elmwood
Drake, William.....	Streator	Fillingham, J. A.....	Canton
Drake, Benjamin.....	Nilwood	Finnigan, Thomas J.....	Springfield
Dray, John.....	Troy	Finegan, William H.....	Springfield
Drennan, L. H.....	Blue Mound	Fierth, William R.....	Cutler
Duffy, Glenn E.....	Collinsville	Fischer, Phillip.....	Lenzburg
Dugg, B. A.....	Collinsville	Fisher, George.....	Staunton
Duncan, J. R.....	LaSalle	Fisher, Patrick.....	Kangley
Dunlap, Bert.....	Nokomis	Fitch, Charles.....	Cartersville
Dunn, L. A.....	Duquoin	Fitzsimmons, Maurice.....	Peru
Dunn, William L.....	Clark City.....	Flesher, A.....	Taylorville
Dunsmore, Thomas.....	Springfield	Flesher, O.....	Clay City.....
Dunstedler, William S.....	Edwardsville	Fletcher, Henry A.....	Ladd
Durham, James D.....	Lake Creek.....	Fyetcher, I. W.....	Springfield
Durham, George.....	Glen Carbon.....	Fogerson, Andrew.....	Central City.....
Dyer, Harry.....	Duquoin	Foote, Charles.....	Westville
		Foote, William.....	Westville
Easley, Henry E.....	Hillsboro	Forlister, Robert.....	Murphysboro
Easley, H.....	Taylorville	Forlister, William.....	Murphysboro
Eaton, A. C.....	Duquoin	Fortney, John W.....	Kinmundy
Eaton Robert.....	Sunfield	Foster, Albert.....	Elmwood
Easton, George.....	Willisville	Foster, A. J.....	Litchfield
Eccleston, John.....	Streator	Fox, Frank L.....	Assumption
Eddy, Melvin.....	Athens	Fox, Fred.....	Middle Grove.....
Eddy, Evermont.....	Athens	Fox, William.....	Taylorville
Eastham, G. A.....	Girard	Fox, James B.....	LaSalle
Edwards, George W.....	Springfield	Fox, Arthur.....	Springfield
Elder, Alexander C.....	Marissa	Fox, Thomas.....	Lincoln
Elliott, Clarence.....	Bryant	Frain, Austin.....	Ridge Prairie.....
Elliott, Delbert.....	Canton	Frankland, Tim.....	Streator
Elliott, H. H.....	Centralla	Francis, John G.....	Streator
Edwards, Thomas.....	Spring Valley.....	Freeman, M. F.....	Shelbyville
Exis, Daniel B.....	Springfield	Freeland, Frank.....	Hillsboro
Ekis, Henry.....	Ridgely	Freeman, E. F.....	Duquoin
Emans, Ransom R.....	Farmington	Frick, U. B.....	Lake Creek.....
Elias, William.....	Kangley	Frick, George W.....	Marion
Ellis, Albert.....	Cable	Friend, J. W.....	Collinsville
Elemendorf, E.....	Belleville	Frier, Jacob.....	Ormsby
Elmore, V. M.....	Coffeen	French, E. A.....	Collinsville
Emery, H. W.....	Greenville	Friend, William L.....	Collinsville
English, Thomas.....	Streator	Friesland, O. M.....	Salisbury
Engle, H. P.....	Cuba	Fritz, Gustav.....	Breese
Erisman, Jacob D.....	Niantic	Fritz, William.....	Lebanon
Erisman, Jesse.....	Niantic	Fry, D. W.....	Clark City.....
Estes, W. B.....	Danville	Frye, William S.....	Coal City.....
Evans, Albert.....	Glen Carbon.....	Ferguson, S. P.....	Strasburg
Evans, Roderick B.....	Girard	Fuller, John S.....	Springfield
Evans, Thomas.....	Saundling	Fuston, D. H.....	Murphysboro
Evans, C. L.....	Virden		
Evans, Price.....	Rissell	Gahl, Fred T.....	St. John.....
Evans, W. E.....	Danville	Gallagher, George.....	Lebanon
Evans, Roy M.....	Tilden	Galufia, C. M.....	Cartersville
Evans, William L.....	El dorado	Garrett, Bert.....	Moweaqua
Evans, W. H.....	Marion	Gomblor, H. H.....	Ziegler
Everly, John C.....	Canton	Gandy, James W.....	Peoria
Eytman, Frank.....	Spring Valley.....		

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Gahn, Earl.	Marion	Grimmett, Charles C.	Girard
Gaskins, Asa.	Harrisburg	Grimes, James L.	Tilden
Gatley, Bernard.	Diamond	Grice, Albert.	Kewanee
Gately, Barney, Jr.	Granville	Grieves, David.	Birkner
Gately, James.	Seatonville	Grieves, James.	Birkner
Gasnell, George W.	Herrin	Grieves, E. H.	Willisville
Gately, Albert.	Granville	Griffin, John Q.	Kewanee
Gatton, Thomas.	Divernon	Groom, Alexander.	Belleville
Gates, William S.	Kankakee	Groom, John. Sr.	Belleville
Gallagher, Peter.	Clark City	Groom, James.	Belleville
Gaugham, James.	Braidwood	Groom, William.	Belleville
Geer, Benjamin H.	Wolcott	Groom, John.	Belleville
Geer, U. S.	Pekin	Grover, Harmon M.	Canton
Geer, Chauncey N.	Wolcott	Grubb, Michael.	Riverton
Galmour, Allen.	Diamond	Geistdorfer, Fred.	DeSoto
Geishek, Mathew.	Springfield	Guppy, Edgar.	Bartonville
Gerner, Fred.	Danville	Guy, D. F.	Springfield
Gerjettts, Harry.	Athens	Gurick, Howard.	Litchfield
Geyer, J. A.	Wanlock	Gurick, L. E.	Litchfield
Gibson, John.	Sandoval	Guskins, Bert.	Harrisburg
Gibson, J. W.	Sherrard	Guthrie, T. E. B.	Marissa
Gibson, Henry.	Coal City		
Giertens, William.	Pinckneyville		
Gilchrist, H. M.	Gilchrist	Hackett, Owen.	Spaulding
Gilmore, J. E.	Hillsboro	Haddick, William L.	Sherrard
Gibson, R. W.	Danville	Haensel, Herman.	Lenzburg
Girfen, Henry.	Troy	Haensel, Edward.	Lenzburg
Glaken, Hugh.	Coal City	Haensel, David.	Lenzburg
Gladdens, William.	Coal City	Hagler, Charles.	Fredonia
Gladson, E.	Duquoin	Hale, William T.	Troy
Gladson, F.	Duquoin	Hale, James.	Dunfermline
Glass, Reuben.	Edwardsville	Hales, James E.	Equality
Gleichman, Herman.	Collinsville	Haley, Edward.	Kilmundy
Glennon, Philip.	Williamsville	Hall, G. R.	Colchester
Glennon, John.	Riverton	Hall, G. R.	Nilwood
Glover, Frederick.	Peoria	Hamilton, Thomas.	Murphysboro
Goalby, Arthur A.	Percy	Hamilton, Charles E.	Canton
Goalby, B. F.	Percy	Hamilton, James H.	Sparland
Goalby, Frank H.	Stookov.	Hampton, N. R.	Murphysboro
Goalby, Frank, Jr.	Belleville	Hand, P. L.	Peoria
Goalby, W. A.	Belleville	Hanvey, John.	Collinsville
Goesman, John.	Bunker Hill	Handle, Ledlie.	Taylorville
Goddard, William H.	Spillertown	Hanenstein, J. W.	Willisville
Goddard, W. L.	Lake Creek	Hanes, W. J.	Salem
Goforth, William.	Pana	Haney, Edgar.	Alvey
Golliher, H.	Herrin	Hankins, John W.	Sorento
Gordon, E. J.	Petersburg	Hanson, William.	O'Fallon
Gordon, Alex B.	O'Fallon	Hanvey, John J.	Collinsville
Gorham, A. B.	Lincoln	Hanvey, Robert.	Collinsville
Gorman, J.	New Douglas.	Hanvey, William.	Collinsville
Gottschalk, Fred.	Springfield	Haddicks, Frederick H.	Cable
Gould, George.	Sato	Happer, Frank.	Edwardsville
Gowin, Curtis.	Green Ridge.	Harding, Enos.	Birkner
Gowin, Frank.	Green Ridge.	Hardy, Warren.	Pawnee
Grace, John T.	Kewanee	Harms, Heike.	Petersburg
Graham, L. A.	Bloomington	Harper, Oscar.	Lebanon
Graham, William.	Springfield	Hardy, Thomas.	Springfield
Gradin, Orville B.	Taylorville	Hardy, Thomas W.	Dawson
Graham, Reuben.	Viriden	Harms, Will J.	Petersburg
Grant, Lewis.	Pekin	Harmon, M. W.	Oglesby
Gray, Thomas.	Springfield	Harner, Elmer.	Decatur
Gray, Charles H.	Springfield	Harris, J. W.	Springfield
Greaves, Walter.	Ladd	Harris, W. C.	Nilwood
Green, Joseph.	Canton	Harrison, Floyd.	Salem
Green, Daniel.	Braidwood	Harrison, John, Jr.	Coulterville
Green, Roy.	Wilmington	Harrop, Horace W.	Farmington
Green, R. A.	Coffeen	Hartley, Joseph H.	Coal City
Green, Thomas.	Marissa	Hartman, Frank.	Murphysboro
Green, William H.	Streator	Hartman, John F.	Murphysboro
Greenhalgh, James.	Hillsboro	Hartwell, A. Lincoln.	Marion
Greenhalgh, William.	Hillsboro	Hartwell, J.	Marion
Greenman, Martin.	Pontiac	Hartwell, Roy.	Marion
Greener, George.	Greenview	Harvey, M. F.	Duquoin
Grierson, John.	Streator	Hartman, W. H.	Coulterville

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Harvey, William R.....	Wanlock	Lamb, William E.....	Coal City.....
Haughnaut, John D.....	Spring Valley...	Lambert, George W.....	LaSalle.....
Havel, Joseph.....	French Village...	Lambert, William.....	Middletown.....
Hawker, J. O.....	Pana.....	Lane, Charles C.....	Farmington.....
Haworth, William.....	Sandoval.....	Landers, John.....	Staunton.....
Hayes, Arthur H.....	Danville.....	Lanham, John W.....	Danville.....
Hayes, Earle.....	Danville.....	Larkin, James G.....	Athens.....
Hayes, James.....	Bloomington.....	Larkin, William.....	Taylorville.....
Hayler, George L.....	Murphysboro.....	Lapghery, Jonathan P.....	Carbon Cliff.....
Head, John S.....	Assumption.....	Lavallier, U. S.....	Chenoa.....
Heckman, Sol.....	Coffeen.....	Lawson, George.....	Cable.....
Heffron, William.....	Riverton.....	Layne, J. W.....	DeSoto.....
Heldinger, F. C.....	Mt. Olive.....	Layman, J. C.....	Lincoln.....
Heiligeist, Bruno.....	Spring Valley...	Leake, William.....	Minonk.....
Hendrick, C. W.....	O'Fallon.....	Ledbetter, George.....	Sorento.....
Hendrix, R. H.....	Harrisburg.....	Lee, Robert E.....	Sherrard.....
Hennegan, John F.....	Wanlock.....	Leek, Carroll.....	Hallidayboro.....
Henry, Philip.....	Kewanee.....	Leeper, C. W.....	Equality.....
Henry, John L.....	Greenview.....	Lehman, Phillip.....	Lebanon.....
Heppard, George.....	Belleville.....	Lemons, J. L.....	Girard.....
Herder, Walter.....	Edwardsville.....	Leslie, C. Lutton.....	Rutland.....
Herman, John.....	Belleville.....	Leslie, George.....	Gardner.....
Herron, J. S.....	Auburn.....	Leslie, N. B.....	Braidwood.....
Herring, George P.....	Odin.....	Lewis, Richard W.....	Gillespie.....
Herring, J. P.....	Staunton.....	Lewis, Alvan.....	Catlin.....
Hershaw, A. F.....	Abingdon.....	Lewis, Clayton.....	Carriers Mills.....
Heskitt, John.....	Ridgley.....	Lewis, James.....	Canton.....
Hess, Edward B.....	Morrisonville.....	Lewstick, John.....	Springfield.....
Heublin, Walter H.....	Greenview.....	Lee, Frederick.....	Canton.....
Higbee, Lawrence.....	Wyoming.....	Lindsey, J.....	Oglesby.....
Hilliard, James.....	St. David.....	Lewis, Spiller D.....	Marion.....
Hilliard, Frank.....	St. David.....	Lipscomb, Arthur.....	Breese.....
Hillery, John.....	Dunfermline.....	Linskey, Martin H.....	Streator.....
Hill, Cyrus P.....	Norris City.....	Linskey, Timothy.....	Braidwood.....
Hill, C. C.....	Marissa.....	Lindstrom, Oscar.....	Sherrard.....
Hill, Frank.....	Carriers Mills.....	Liner, John.....	Oglesby.....
Hill, C. W.....	Pontiac.....	Linsky, James.....	Braidwood.....
Hill, Emerson.....	Westville.....	Linskey, Patrick J.....	Braidwood.....
Hill, John C.....	Marissa.....	Little, G. E.....	Edwardsville.....
Hilliard, George.....	St. David.....	Little, Irwin E.....	Edwardsville.....
Hilmes, Henry.....	Astoria.....	Little, Peter.....	Peoria.....
Hines P.....	Toluca.....	Little, Thomas.....	Murphysboro.....
Hindman, Milo.....	Herrin.....	Little, Harry.....	Herrin.....
Hobbs, Francis E.....	Centralla.....	Lockhart, Lewis.....	Niantic.....
Hodgson, Edward.....	Murphysboro.....	Lockie, G. O.....	Carterville.....
Hodson, Moses.....	Smithboro.....	Lockie, William.....	Carterville.....
Hodson, John.....	Taylorville.....	Loding, Charles A.....	Loding.....
Hoecker, Charles.....	Glen Carbon.....	Loebel, Frank.....	Trenton.....
Hogan, Frank.....	Springfield.....	Loeffler, Adolph A.....	O'Fallon.....
Holland, Arthur J.....	Mt. Olive.....	Loescher, Paul.....	Mt. Olive.....
Holland, Miner.....	Carterville.....	Long, Noah B.....	Pontiac.....
Holland, William R.....	Johnston City.....	Long, Edward.....	Norris.....
Holler, Grover.....	Harrisburg.....	Long, George.....	Norris.....
Holtkamp, George.....	Breese.....	Longeron, L. T.....	Cantrall.....
Holzer, A. Eugene.....	Mt. Olive.....	Lozin, P.....	Lincoln.....
Holoffs, Emil.....	Coal City.....	Lucht, M. F.....	Mt. Olive.....
Hooper, George.....	Glen Carbon.....	Loos, A. C.....	Murphysboro.....
Hooper H. H.....	Harrisburg.....	Lucey, Michael.....	Ridgley.....
Huchcraft, Noah.....	Harrisburg.....	Lundeen, Frank W.....	Galva.....
Ishmael, Benjamin.....	Christopher.....	Lundy, J. P.....	Mt. Pulaski.....
Jackson, E. W.....	Christopher.....	Lundley, Ralph.....	Ridge Prairie.....
Johnson, Joe E.....	Christopher.....	Ludewick, Harry.....	Witt.....
Joss, John.....	Farmington.....	Luscher, John.....	Mt. Olive.....
Keil, Henry W.....	Murphysboro.....	Lyday, Benjamin F.....	Sesser.....
Keown, Frank.....	Herrin.....	Lyday, Ray.....	Christopher.....
Kent, A. K.....	Golconda.....	Lynch, John B.....	Muncie.....
Kossieck, George.....	Decatur.....	Lynch, M.....	Herrin.....
Krully, Andrew.....	Braceville.....	Lyons, A.....	Riverton.....
Kuhn, Fred A.....	Trenton.....	Maasburg, H. C.....	Pinckneyville.....
		Mander, Charles H.....	Staunton.....
		Madden, Harvey.....	Danville.....
		Manley, Leo.....	Coffeen.....

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Manning, Ed. T.	Carterville	Mechaelis, Edward	Belleville
Mann, John B.	Sherman	Meithe, William	Georgetown
Mannrey, Harry	Farmington	Melton, Frank	Gillespie
Mainwaring, James	Braceville	Melvin, Elmer	Tamaroa
Mair, Max	Lebanon	Meng, George W.	Freeburg
Malcolm, William J.	Braceville	Menk, Hugh H.	Edwardsville
Maltby, Edward	Braidwood	Meredith, Arthur R.	Troy
McAddams, John W.	Percy	Mercer, L. W.	St. John
McAllister, Thomas	Hallidayboro	Merrill, Horace C.	Collinsville
McCann, David	Lincoln	Messersmith, Fred	Athens
McCarthy, John	Lincoln	Messenger, Joseph	Williamsville
McCartney, C. F.	Alexis	Meyer, Henry	Trenton
McCauley, Aaron	Sireator	Myer, John	Staunton
McCauley, John H.	Glen Carbon	Michaels, Otto L.	Belleville
McCalland, A. J.	Cuba	Miller, A. J. F.	Centralia
McConachie, Ed.	Auburn	Miller, E. E.	Murphysboro
McCoosnell, C. D.	Tice	Miller, Hugh	Braceville
McCormack, James J.	Springfield	Miller, James C.	Tamaroa
McCulley, G. L.	Pawnee	Miller, James	Alma
McClusky, Tobias	Assumption	Miller, T. H.	Raymond
McCurdy, J.	Taylorville	Miller, William C.	Rentschler
McDonald, John	Springfield	Miller, Thomas	Coulterville
McDonald, W. H.	Pana	Mills, Thomas S.	Coal City
McDonald, William J.	Percy	Minor, John	Mt. Olive
McDonald, Peter G.	Carbon Hill	Minzner, Robert A.	Snaulding
McDonald, Frank R.	Athens	Mitchell, E. R.	Farmington
McFarland, F. E.	Murphysboro	Mitchell, S. R.	Moweaqua
McGarry, William	Ladd	Mize, Walter	Pana
McGee, G. W.	Carterville	Mockbee, Luther	Niantic
McGittigan, Thomas	Pana	Mohm, E.	Peoria
McGowan, Edward	Lincoln	Morehouse, Charles L.	Danville
McGowan, J. R.	Herrin	Moffat, R. E.	Cutler
McIntire, A. D.	Sparta	Moffat, John	S. Wilmington
McKean, Andrew	Coal City	Moffat, Thomas, Jr.	Sparta
McKean, John	Carbon Hill	Molash, A.	Springfield
McKean, Isaac	Coal City	Monaghan, James	Gillespie
McKearnan, J. B.	Athens	Mooneyham, Oscar	Eldorado
McKee, C. L.	Lake Creek	Moor, F. J. W.	Springfield
McKeerman, John	Belleville	Moore, I. N.	Johnston City
McLaughlin, F. T.	Carbon Hill	Moore, H. E.	Troy
McLaughlin, George	Carbon Hill	Moore, A.	Braceville
McLean, J.	Pleasant Plains	Moore, John A.	Christopher
McIntire, Martin S.	Sparta	Moore, A. D.	Elmwood
McMillin, W. M.	Danville	Morch, John	Belleville
McMurtly, P.	Viriden	Morgan, Joseph W.	Springfield
McNail, Albert	Mt. Vernon	Morgan, Charley	Eldorado
McPherson, James	Murphysboro	Morgan, John C.	Springfield
McQuade, J.	Clark City	Morgan, William	Carbon Hill
McNeil, S.	Coulterville	Morin, Frank	Peoria
McNutt, T. C.	Taylorville	Morris, A.	Duquoin
McVey, Frank W.	Roanoke	Morris, J.	Springfield
McVickar, Donald	LaSalle	Morris, John W.	Duquoin
Marland, William	Staunton	Morris, George	Belleville
McWilliams, Harry	Belleville	Morris, James H.	Nashville
Maloy, Lewis	Georgetown	Morris, James	Mt. Olive
Marland, James	Wenona	Morris, William	Mt. Olive
Marland, William	Sparta	Morris, William	Harrisburg
Marie, John E.	Pottstown	Morris, John	Duquoin
Marshall, Robert	Murphysboro	Morrissey, Thomas	Lebanon
Martin, Benjamin	Tolna	Morrissey, Patrick	Staunton
Martin, N. W.	Marion	Morrison, Archie	Oglesby
Marxer, Lewis J.	Millstadt	Mortz, Joseph L.	Edinburg
Marxer, William J.	Millstadt	Moser, Jacob W.	Rentschler
Massie, J. T.	Belleville	Mulvaney, Christopher	Edwards
Mason, E.	Winchester	Mulvaney, A. T.	Glenburn
Mathis, Charles	Duquoin	Muren, Alfred I.	Belleville
Mathis, George	Duquoin	Muren, Joseph L.	Belleville
Matthews, C.	Williamsville	Murphy, Robert T.	Norris
Maule, William	Belleville	Murphy, Edward	Farmington
Maxwell, Fred	Peoria	Murphy, James F.	Springfield
Mayor, A. W.	Duquoin	Murrie, Archie	Trenton
Mayor, J. W.	Duquoin	Murray, Robert	Coal City
May, Charles W.	Panama	Murray, Christopher C.	Gillespie
Meadows, William	Ledford	Murray, Hugh	Nashville

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Murray, Joseph P.	Rosboro	Patton, Frank L.	Springfield
Musgrave, Chas.	Coulterville	Payton, Ralph E.	Sesser
Mussan, H. A.	Colchester	Pearce, H. L.	Cable
Myers, Henry.	Minonk	Peecher, David.	Braidwood
Myers, Peter W.	Carlinville	Peet, Charles.	Marseilles
Myers, William	Decatur	Pemberton, C. H.	Duquoin
		Perkes, Ephraim.	Soperville
		Petrea, J. W.	Vandercock
Nagle, Jake.	Springfield	Peters, Alonzo L.	Peoria
Nangle, A. J.	Herrin	Petro, Mike.	Braceville
Neal, Ambrose.	Carlinville	Pendergast, John.	Centralia
Neil, John H.	Cartersville	Perrins, George H.	Herrin
Needham, Daniel.	Breese	Peyla, George.	Braidwood
Negley, Ollie K.	Norris	Picton, T. H.	St. David
Negley, Frank M.	Canton	Pierson, Charles.	Harrisburg
Neilson, James W.	Sparta	Pierson, Joseph.	Harrisburg
Nelson, Andrew V.	Centralia	Pierson, Thomas.	Harrisburg
Nentzel, Fred H.	Caseyville	Phillips, J. M.	Athens
Newal, Leroy.	Spairland	Pinkerton, John G.	Hanna City
Nevenner, James.	Belleville	Pinegar, James.	Oakwood
Nichols, John.	Athens	Piper, James.	Worden
Nichols, E. E.	Coffeen	Piper, Oliver G.	Staunton
Nichols, E. B.	Coal Valley	Piper, Joseph.	Glen Carbon
Nickerson, James K.	Coifax	Pircher, Peter P.	Sandoval
Nicobaldes, George.	Dewmaine	Pritchard, Jacob.	Canton
Nichol, William.	Belleville	Pitra, Frank.	Odin
Nichol, Adolph.	Belleville	Pitt, Sam.	Trenton
Nichols, James.	So. Wilmington.	Pitt, Joseph.	Trenton
Norborg, Peter.	Galva	Pittman, Roy.	Ledford
Norborn, Frank.	Galva	Platt, J. A.	Springfield
Norgart, Andrew.	Streator	Plenty, George R.	Canton
Norris, James J.	Murphysboro	Plimmer, Benjamin.	Streator
Norris, Floyd.	Duquoin	Plocker, Henry.	Pana
Norton, William.	Oglesby	Pointer, Edward.	Belleville
Norton, Victor.	Brereton	Poter, O. M.	Westville
Norfleet, Thomas M.	Springfield	Poole, Edward A.	Johnston City
Newell, Thomas.	Waltonville	Poole, Arthur H.	Murphysboro
		Powell, Edwin.	Caseyville
		Powell, F. C.	Seatonville
O'Brien, Terry.	Decatur	Prescott, G. A.	Centralia
O'Donnell, Michael.	Decatur	Price, Thomas.	Spanning
Ogden, William.	Rentschler	Price, Daniel D.	Redlich
Ogden, Samuel.	Mascoutah	Prickett, Thomas M.	Niantic
Olinger, J.	Odin	Pritchard, H. C.	Lewistown
Olive, Edmund.	Livingston	Pruett, J. M.	Harrisburg
Olson, August.	Streator	Pugh, Daniel.	St. John
O'Neal, James.	Streator	Pullen, R. H.	Sorento
Ondescko, George.	Braceville	Pulver, R. H.	Centralia
Opie, Frederick.	Mt. Olive	Pyle, Chilton.	Carrier Mills
O'Riley, Wilbur.	Grape Creek		
Ord, S. R.	Mt. Vernon		
Ormiston, R.	Danville	Quick, Harry.	Oakwood
Ormiston, Quay.	Harrisburg	Quails, Nevall.	Dubois
Osborne, Benjamin.	Streator	Quick, A. T.	Sato
Osburn, Glen L.	Streator	Quick, John.	Braidwood
Osborn, Marion.	Herrin	Quick, A. S. H.	Sato
Otte, John.	Collinsville	Quick, Seibert T.	Pinckneyville
Outhouse, John.	Johnston City	Quigley, Henry.	Hallidayboro
		Quinn, Joseph.	Springfield
Packingham, Harry.	Granville	Raber, F. C.	Troy
Paddock, W. D.	Pana	Raber, Louis.	Collinsville
Padden, J. W.	Spring Valley	Radford, William T.	Bloomington
Pair, J. H.	Willisville	Rafter, Michael.	Marquette
Pallardy, William P.	Springfield	Rafter, James P.	Springfield
Parks, J. H.	Streator	Raisbeck, John.	Braceville
Parker, Joseph.	Murphysboro	Raker, Truman.	Rutland
Parsh, Gus.	Auburn	Randle, Caleb.	Belleville
Parsons, Geo.	Herrin	Randle, William.	Freeburg
Patterson, R. J.	Murphysboro	Rasor, J. D.	Staunton
Paterson, T.	Gillespie	Rasch, Aug. F.	Trenton
Patterson, W. M.	St. Louis, Mo.	Ratcliff, L. P.	Cartersville
Patterson, Bert.	Westville	Ratcliff, A.	Sheffield
Pankey, James M.	Equality		

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Rawson, Grant I.	Belleville	Ruhlander, E. H.	Mt. Olive.
Rawlins, Alex N.	Cantrall	Russell, Zenas.	Pana
Ray, Hugh.	Wanlock	Russell, Guy.	Harrisburg
Reagan, William.	Mt. Olive.	Russell, A. J.	El Dorado
Reatz, Hans.	Lincoln	Rutliff, Isaac.	Ashland
Reading, Curtis.	Niantic	Rull, Seibert.	Staunton
Record, L. A.	Rutland	Ryan, Lawrence.	Decatur
Reece, John U.	Collinsville	Ryan, James.	Spring Valley
Reed, John.	Herrin	Ryan, William.	Athens
Reed, W. J.	Danville		
Retz, Herman.	Lincoln	Sadler, George.	Murphysboro.
Reeger, John C.	Pinckneyville	Sager, Ed. L.	Trenton
Reese, William M.	Roanoke	Saidla, J. A.	Carterville
Reddick, William.	Murphysboro	Sallade, George.	Chatham
Redden, James W.	Dowmain	Sallade, J. E.	Chatham
Reid, Robert.	Moweaqua	Sampson, Joseph M.	Petersburg
Reid, Archibald.	Springfield	Sands, Robert K.	Marissa
Reid, Andrew B.	Duquoin	Sanks, J. E.	Edinburg
Reiddinger, Peter M.	Peoria	Sangrelet, Charles.	Litchfield
Reidberger, William J.	Dubois	Savage, Richard.	Clarke City.
Reiley, Henry.	Toluca	Sawyer, V.	Staunton
Reilmann, John.	Belleville	Sawyers, Joseph.	Coal City.
Remelius, Jacob.	O'Fallon	Saylor, C. F.	Murphysboro
Rennard, James Ed.	Grape Creek.	Schadt, Conrad.	Rock Island.
Reichman, George.	Trenton	Schaifer, Fred.	Belleville
Rennie, Andrew.	Dunfermline	Shannessy, Thomas.	Braldwood
Rennie, James.	Dunfermline	Scheffler, Julius.	Pekin
Renter, August.	Mt. Olive.	Schofield, Peter.	Coal City.
Repplinger, H.	Belleville	Schnute, Henry.	Breese
Reyabek, Joseph.	Glen Carbon	Schramm, Charles.	Belleville
Reynolds, James.	Streator	Scharinck, Frank.	Edwardsville
Rhodes, Almon R.	Chenoa	Schmacker, Herman.	Glen Carbon.
Rhoades, Ashley.	Taylorville	Schellinger, J. A.	Harrisburg
Rhine, Martin W.	Eldorado	Schoolcraft, L.	Carterville
Rice, C. D.	Harrisburg	Schroeder, Charles.	Mt. Olive.
Rice, William H.	Harrisburg	Schroeder, Henry.	Mt. Olive.
Rice, James M.	Sunfield	Schneider, Fred W.	Staunton
Rice, Moses.	Murphysboro	Schroeder, John W.	Murphysboro
Richards, John T.	Staunton	Schroeder, Fritz.	Breese
Richart, Lee.	Moweaqua	Schnessel, Conrad.	Breese
Richmond, John E.	Coal City.	Schulte, Fritz.	Clinton
Riland, Francis F.	Harrisburg	Schumacher, Charles.	Marissa
Riley, B. J.	Cantrall	Schweska, Otto.	Springfield
Riley, Michael.	Grape Creek.	Schumm, Fred W.	Gardner
Rippitoe, J. G.	Colchester	Schuster, John.	Marissa
Rippitoe, George H.	Colchester	Scovill, Lee.	Farmington
Ritchie, John.	Trenton	Scott, J. W.	Colchester
Ritchie, John F.	Christopher	Scurrah, Castling R.	Braceville
Roach, Samuel.	Tamaroa	Secor, Fred D.	Odin
Roberts, Charles.	LaSalle	Seeman, John C.	Cantrall
Roberts, William.	Kangley	Seeman, George A.	Cantrall
Roberts, Edward J.	Kangley	Seidel, Fred.	Kilmundy
Roberts, Frank L.	Johnston City	Seller, William.	Ormsby
Roberts, John.	Litchfield	Sells, Charles B.	Colfax
Roberts, Jonathan.	Willisville	Seen, Charles.	Sandoval
Roberts, Erwin.	Johnson City.	Seymour, John.	Colfax
Roberts, W. P.	Johnson City.	Shafer, James M.	Girard
Roberts, William R.	Murphysboro	Shanklin, A. S.	Carterville
Robison, Charles.	Wenona	Sharp, John H.	Spring Valley.
Robison, J. A.	Riverton	Sheehan, Peter.	Athens
Robison, William A.	Toluca	Sheets, Walter L.	New Athens.
Rockey, Charles.	Peoria	Shelenger, S.	Willisville
Rodgers, Edward.	Murphysboro	Shepradson, Isaac V.	Fairmount
Rodgers, George R.	Sunfield	Scherertz, Harry.	Herrin
Rodgers, Fimmel.	Murphysboro	Schlomann, John A.	Mt. Olive.
Rode, Henry.	Sherrard	Shroyer, A. D.	Lincoln
Rohe, Herman J.	Alexis	Shipe, George A.	Tilden
Robour, Michael.	Grape Creek.	Shinn, Charles.	Springfield
Rosan, Ben.	Duquoin	Shriver, P. A.	Kilmundy
Rowland, Samuel J.	Divernon	Shuler, H. M.	Gilechrist
Rowland, Sidney G.	Belleville	Sisk, Ambrey.	Enallity
Row, A. I.	Collinsville	Siddall, Eli.	Belleville
Rowster, Richard.	Peoria	Siddall, Herbert.	Belleville
Rude, Edmund.	DeSoto		

Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Siddall, John.....	Belleville	Struthard, George B....	Westville
Siddall, Levi.....	Belleville	Stuart, John.....	Ladd
Simmons, H.....	Murphysboro	Stutsman, H. F.....	Herrin
Sinclair, Guy S.....	Glen Carbon.....	Sullivan, S.....	Harrisburg
Silvis, Thomas S.....	Carbon Cliff.....	Sturber, Alexander H....	Danville
Simpkins, Homer.....	Streator	Swartz, Fred.....	Toluca
Sitton, W. A.....	Gillespie		
Sizemore, William I....	Carterville		
Slocum, Clarence.....	Gilchrist	Taylor, James.....	Edwards
Smith, Charles H.....	Seneca	Taylor, Harry.....	Peoria
Smith, Edward J.....	Collinsville	Taylor, Edwin.....	Trenton
Smith, George W.....	Virginia	Taylor, Joseph G., Jr....	Springfield
Smith, George W.....	St. Louis, Mo.....	Taylor, Mack.....	Westville
Smith, P.....	Danville	Taylor, William W.....	Tamaroa
Smith, S.....	Marseilles	Taylor, Simon.....	Bissell
Smith, Robert.....	Collinsville	Taylor, Samuel.....	Princeville
Smith, Firth.....	Murphysboro	Taylor, A. P.....	Johnston City
Smith, John.....	Carterville	Teaters, C. N.....	Taylorville
Smithmeyer, Anton.....	Lincoln	Tefft, Ernest.....	Mt. Olive
Smyth, C. M.....	Danville	Temple, James C.....	Springfield
Sneddon, John.....	O'Fallon	Terry, W. F.....	Litchfield
Sneddon, Richard.....	Catlin	Terry, George L.....	Raymond
Sneyd, James.....	Westville	Thalgott, John.....	Trenton
Snowdon, William.....	Georgetown	Theiss, John C.....	Murphysboro
Snyder, Arthur.....	Danville	Thetford, John R.....	Herrin
Solomon, Edward.....	Springfield	Thexton, Henry.....	Rushville
Songer, T. B.....	Astoria	Tohm, R.....	Coal City
South, Daniel.....	Ellisville	Thomas, Fred.....	Rutland
Sowerby, Miles.....	Willisville	Thomas, Charles.....	DeSoto
Sparks, Emery C.....	Ellisville	Thomas, G. E.....	DeSoto
Sparks, J. L.....	Mt. Vernon.....	Thrau, Chas. G.....	Johnston City
Sparling, Charles.....	Seatonville	Thomasberry, Hiram A....	Duquoin
Sparling, Henry.....	Seatonville	Thompson, Wm. H.....	Himrod
Spiller, Elijah.....	Halldayboro	Thompson, Solomon E....	Mason
Spiller, George H.....	Johnston City	Thompson, Fred.....	Westville
Spires, Albert.....	Braceville	Thompson, J. H.....	Marion
Spence, Elmer.....	Farmington	Thurston, R. T.....	Mulkiytown
Sproul, J. W.....	Pontiac	Tibbolls, E. A.....	Marion
Stanfel, Martin.....	Toluca	Timmons, Irvin F.....	Wyoming
Stanford, J. W.....	Pana	Tireedy, Abel.....	Staunton
Stanforth, F.....	Wanlock	Titus, C. B.....	Tower Hill
Stange, Fred.....	Marquette	Tindall, J. L.....	Danville
Stanton, William E.....	Colchester	Tobin, Robert.....	Springfield
St Clair, James A.....	Macomb	Trainer, Arthur E.....	Blue Mound.....
Starnes, Peter.....	W. Frankfort	Traughbee, Peter.....	Assumption
Stedman, Edgar.....	Missionfield	Travis, Alonzo.....	Pana
Stedman, Robert, Sr....	Danville	Travis, Wm. J.....	Birkner
Stedman, Frank.....	Westville	Tregoning, Chas.....	Carterville
Steel, E. H.....	Salem	Tregoning, Geo.....	Carterville
Steinheimer, Theodore...	Lenzburg	Tyrell, Thos.....	Cardiff
Stephen, C. H.....	Spring Valley	Turnblenson, Sinclair....	Centralia
Stewart, L. A.....	Mt. Vernon.....	Turner, Geo. W.....	Lewistown
Stewart, Daniel.....	Streator	Twombly, Edward.....	Coal City
Stewart, James C.....	Carbon Hill.....		
Stewart, Peter.....	Murphysboro		
Steigmeyer, E.....	Staunton	Utter, Chas.....	Farmington
Stocks, H.....	Carterville		
Stoker, A. E.....	Buffalo		
Stone, N. G.....	Marion	Vandever, Geo. W.....	Centralia
Stone, Frank.....	Lebanon	Van Dansen, Leonard A....	Braceville
Stone, Nathan.....	Carterville	Van Fleet, L. E.....	Barclay
Storm, Edwin.....	Worden	Van Meter, Percy.....	Williamsville
Stull, Roy.....	Chery	Vallow, P. Oliver.....	Kinmundy
Stout, F. M.....	Springfield	Vaughn, John.....	McLean
Stout, W. E.....	Rutland	Valentine, Chas.....	Cable
Stowell, G. W.....	Bloomington	Vaughn, Wm. M.....	Edwards
Streik, William.....	Belleville	Vandever, Perry E.....	Taylorville
Strader, Clarence.....	Westville	Vanderbougegge, Geo. H....	Glen Carbon.....
Strait, John D.....	Pinckneyville	Vernon, James.....	LaSalle
Strivey, William.....	Taylorville	Vincore, Stephen A. D....	Rutland
Strike, James M.....	Marion	Vollentine, Thomas E....	Sorento
Stroud, William.....	Worden	Voelkel, Edward.....	Belleville
Struck, Carl.....	Springfield	VonBrunner, Max.....	Glen Carbon.....
Struse, Henry H.....	Athens		

Certificates of Competency—Concluded.

Name.	Postoffice.	Name.	Postoffice.
Wade, Geo. H.	Johnson City...	Wilkinson, Eugene	Taylorville
Wagner, John B.	Collinsville	Williams, Andrew D.	Soudoval
Wagoner, Albert H.	Johnson City...	Williams, Huston	Spaulding
Waggoner, Wm. F.	Raymond	Williams, John	Spring Valley
Wagmire, James	Assumption	Williams, Llewellyn	Mt. Olive
Waldrom, Thos.	Fredonia	Williams, Thomas E.	St. David
Walker, James	Spaulding	Williams, Watson	Virden
Walker, John H.	Mt. Olive	Williams, Wm.	Duquoin
Walker, Joshua	Mt. Olive	Williams, Wm. H.	Sherrard
Wallace, Henry G.	East Peoria	Williams, Wm. Hampton	Murphysboro
Waller, Wm. F.	Marion	Williams, John F.	Eldorado
Walters, Robert	Springfield	Williams, John R.	Williamsville
Wallford, Noah	Hillsboro	Williamson, Henry	Coal City
Wallock, Chas.	Braceville	Williamson, Wm.	Coal City
Walsh, James D.	Auburn	Williamson, Geo.	Thayer
Walton, A. F.	LaSalle	Wills, Henry E.	Harrisburg
Walton, Hugh	Norris	Wilson, David	Birkner
Walton, Patrick	Bureau Junction	Wilson, H. C.	Farmington
Walton, Joseph	St. David	Wilson, Wm. H.	Middle Grove
Wantling, T. J.	Pottstown	Wilson, James	Springfield
Wandless, W. S.	Collinsville	Wilterwood, William	Murphysboro
Warner, Richard	Troy	Wild, John	Nokomis
Warner, M.	Farmington	Windsor, Samuel	Norris
Warner, Andrew	Colfax	Windsor, Robt.	Norris
Wassell, Anton	Braceville	Wines, E. R.	Springfield
Watkins, N. R.	Springfield	Wohlens, S. Henry	Mt. Olive
Watson, Frank	Springfield	Wolfe, Wm.	Cartersville
Watson, M.	Riverton	Wohlford, John	Taylorville
Wattawa, Joseph	Belleville	Wolschlag, Geo. J.	Peoria
Watts, T. J.	Elmwood	Wood, Daniel A.	Colfax
Wear, Roscoe	Colchester	Woodward, J. R.	Streator
Weaver, Elmer	Dunfermline	Woodhouse, Frank	Bunker Hill
Weaver, Orlie	Canton	Woolbright, D. A.	Centralia
Webb, Albert M.	Greenview	Woodworth, Peter	Pekin
Wehling, Fred	Reddick	Worms, Joseph	Birkner
Weber, J. S.	Rutland	Wormack, Chas. A.	Glen Carbon
Weber, William	Murphysboro	Wright, Thos. C.	Belleville
Weggandt, Peter	Belleville	Wright, Edward	Herrin
Welch, Benjamin	Harrisburg	Wright, Wm. M.	Pana
Welty, Thos.	Herrin	Wrigley, James	Collinsville
Welshams, Henry M.	Sparta	Wyler, Clarence	Westville
Wente, Frank	Nashville		
Wersen, W. L.	Springfield		
West, W. H.	Murphysboro	Yates, John	DeSoto
West, Ollie	Herrin	Yates, Wm.	Coal City
Wesner, Ephraim	Streator	Yebling, Fred H.	Duquoin
Westwood, Albert	Belleville	Young, J. K.	Girard
Westwood, Thomas E.	Marissa	Young, James G.	Gardner
Westwood, Edward	Birkner	Young, Robert	LaSalle
Westwood, F. C.	Belleville	Young, A. O. K.	Girard
Weymouth, John	Springfield	Young, Peter J.	Springfield
Wheatley, John W.	Coal City	Young, W. J.	Duquoin
White, Korah	Tower Hill	Youngusband, L.	Coal City
White, Henry	Riverton	Youngquist, Frank	Sherrard
White, Perry J.	Springfield		
White, Robert	Lincoln		
White, Booker	Catlin	Zeigler, John	Hes Junction
White, William	Johnston City	Zerban, W. F.	Belleville
Wickersham, J. R.	Johnston City	Ziegler, Fred	Edwardsville
Widick, Edward C.	Finley	Zink, Louis	Belleville
Wilkins, W. P.	Springfield	Zink, Peter A.	Belleville
Winkinson, Louis	Pekin	Zuriker, Lorenz	Cable

HOISTING ENGINEERS HOLDING CERTIFICATES OF SERVICE.

Name.	Postoffice.	Name.	Postoffice.
Ackerman, Jacob.....	Belleville	Grattendick, Fred.....	Okawville
Allen, William H.....	Collinsville	Greaves, Allen.....	Nashville
Anthony, John C.....	Belleville	Grey, David F.....	Springfield
		Grierson, John.....	Streator
		Grimshaw, Joseph.....	LaSalle
Baiwir, John C.....	Braidwood	Groom, John.....	Belleville
Banker, Henry.....	Ridge Prairie.....		
Bath, Ameston.....	Cuba	Haas, Jacob.....	Millstadt
Beeby, William.....	Springfield	Hackett, Owen.....	Spaulding
Bell, George E.....	Canton	Hagler, Charles.....	Fredonia
Benvenuto, Charles.....	Toluca	Hall, Geo. R.....	Nilwood
Birkley, N. T.....	Cuba	Hanson, William.....	O'Fallon
Blue, Jesse.....	Norris	Harms, Heike.....	Petersburg
Bonick, Andrew.....	Gilchrist	Harris, J. T.....	Tamara
Bowman, George W.....	Yates City.....	Heaxer, F.....	Sandoval
Brown, G. A.....	Iles Junction.....	Hickox, Lee.....	Springfield
Brubeck, J. W.....	Pawnee	Howe, Charles.....	Streator
Brumann, Albert.....	Springfield		
Campbell, Albert.....	Pottstown	Ichman, Frank.....	Spring Valley
Campbell, James.....	Coal City	Isadore, Charles.....	Sparta
Carlson, Alexander.....	Galva	Isodare, George.....	Sparta
Carrington, Eugene.....	Moweaqua		
Carter, Albert J.....	Pinckneyville	Jackson, William.....	Minonk
Chitwood, William.....	Glenburn	Jacobs, John P.....	Orchard Mines
Clark, Charles M.....	Duquoin	Jacobs, William.....	Murphysboro
Cline, John.....	LaSalle	Jamison, John.....	Petersburg
Collins, John.....	Birkner	Jeffrey, William.....	Gilchrist
Cook, W. D.....	Westville	Johnson, Edgar W.....	Marissa
Cotton, George.....	Hallidayboro	Jones, George W.....	Riverton
Cox, John.....	Ledford	Jones, T. A.....	Muncie
Craig, Daniel.....	Danville	Judd, Thomas.....	Cuba
Crawson, William.....	O'Fallon		
Crinigan, Barney.....	LaSalle	Kearney, E.....	Hallidayboro
Crocker, Edward.....	Marquette	Kelly, Martin.....	Toluca
Crickshanks, Wm. A.....	Middle Grove.....	Kemper, Christian.....	Bellerille
Cummings, Robert H. L.....	Sparland	Kennedy, W. J.....	Edwardsville
		King, Alexander, Jr.....	Cartersville
Daley, Thomas.....	Diamond	King, John.....	Cartersville
Dauk, John.....	LaSalle	Kirby, Thomas, Jr.....	Peru
Davenport, Thomas.....	New Castle	Klaug, John.....	Galva
Davis, George W.....	Hanna City.....	Klaus, Louis.....	Belleville
Davis, Thomas.....	Swanwick		
Davis, William H.....	Streator	Langran, James.....	Fairbury
Davison, J. G.....	St. John	Larson, Charles L.....	Galva
Dawson, John.....	Streator	Lathan, William H.....	Hallidayboro
Dawson, Thomas.....	Streator	Lewis, Jacob H.....	Pottstown
Dawson, V. C.....	Spring Valley.....	Lewis, William.....	Wanlock
DeBacher, Thomas.....	Elmwood	Lippert, Adolph.....	Kewanee
DeHaas, B. L.....	Tallula	Lloyd, Benjamin.....	Bentchler
Dietrich, Philip.....	Freeburg	Loy, William.....	Virden
Dillon, John.....	Auburn	Lumdborg, Eric.....	Galva
Doe, R. P.....	Glen Carbon		
Dodd, Samuel.....	Pottstown	Marshall, Robert.....	Yates City
		Matthews, George.....	Duquoin
Ebel, August.....	Belleville	Mattern, Daniel.....	Spring Valley.....
Edwards, George W.....	Springfield	Matthews, C.....	Marion
Egerton, J. O.....	Colchester	Matthews, Wm. G.....	Bartonville
Elis, Daniel B.....	Springfield	Maurer, Edward.....	Spring Valley.....
Essex, George M.....	Soperville	Maxwell, Fred.....	Peoria
Evans, Albert.....	Glen Carbon	McClaster, Thomas.....	Muddy Valley.....
Everett, Charles.....	Rutland	McDonald, William H.....	Pana
		McLean, John.....	Pleasant Plains.....
Fischer, George.....	Staunton	McMillen, W. M.....	Danville
Fisher, Patrick.....	Kangley	McWerthy, G. A.....	Smithboro
		Melvin, T. M.....	Tamara
Gaudy, James W.....	Peoria	Milen, John.....	Spring Valley.....
Glasford, Oliver.....	Orchard Mines.....	Miller, William.....	Streator
Glenam, Phillp.....	Williamsville	Morrison, Archie.....	Oglesby
Graham, J. A.....	Nilwood	Mumford, E. A.....	Kewanee
Graham, Reuben.....	Virden	Murray, James H.....	Galva

Certificates of Service—Concluded.

Name.	Postoffice.	Name.	Postoffice.
Neal, Ambrose.....	Barclay	Sallade, George A.....	Chatham
Neil, John H.....	Bunker Hill	Sanson, T. J.....	Cartersville
Nellson, J. W.....	Sparta	Sawyers, Joseph.....	Coal City.....
Nicholson, Geo. A.....	Cuba	Schmacher, Charles.....	Marissa
Nord, John E.....	Galva	Schramm, Charles.....	Belleville
		Seebach, Joseph.....	Spring Valley.....
Ogden, David.....	Rentchler	Sexton, LaFayette.....	Dawson
Ogden, Samuel.....	Mascoutah	Seymour, A. J.....	Fredonia
Olson, Aug.....C.....	Kangley	Sheppard, W. C.....	Marquette
Osborne, Benjamin.....	Streator	Shurm, Fred.....	Gardner
Ottinger, William.....	Catlin	Smith, Geo. W.....	Virginia
		Sorrells, D. H.....	Ashland
		Sowarby, Miles.....	Willisville
Pankey, John M.....	Equality	Stoker, Edward.....	Bartonville
Peet, Charles.....	Marseilles	Streck, William.....	Belleville
Pendergast, James.....	Soperville	Stroud, William.....	Worden
Phillips, William.....	Hallidayboro	Struck, Carl.....	Springfield
Picton, Joseph.....	Farmington	Stuart, John.....	Oglesby
Picton, Thomas H.....	Farmington		
Piper, Oliver.....	Worden	Tanner, Henry.....	Pinckneyville ..
Prichard, H. C.....	Lewistown	Taylor, Benjamin.....	Bartonville
Pritchert, T. M.....	Nlantic	Taylor, Willard W.....	Tamaroa
		Tefft, Ernst.....	Girard
Qualls, Nevel.....	Dubois	Telfer, John K.....	Morris
Quick, A. T.....	Sato	Thome, Martin.....	Martinville
Raber, Louis.....	Caseyville	Wallace, Harry G.....	East Peoria.....
Radford, James W.....	Cuba	Warner, Andrew M.....	Wenona
Radford, W. T.....	Bloomington	Waymire, James.....	Assumption
Rahaur, Michael.....	Pawnee	Wertwood, Edward.....	Birkner
Redvard, John.....	Odin	Wheatley, Rolley.....	Duquoin
Reese, William M.....	Roanoke	White, Henry.....	Riverton
Reid, A. B., Jr.....	Duquoin	Williams, Huston.....	Spaulding
Rennard, James E.....	Westville	Williams, Stephen P.....	Wyoming
Reum, Charles H.....	Sorento	Williams, Watson.....	Barclay
Rice, B. F.....	Harrisburg	Willis, Harry.....	New Castle.....
Richmond, Edward B.....	Winchester	Wood, Daniel A.....	Colfax
Rieger, John C.....	Pinckneyville ..	Woolbright, D. A.....	Centralla
Riley, Michael.....	Westville	Wonnes, Joseph.....	Birkner
Roach, Samuel.....	Tamaroa	Wormack, Charles A.....	Glen Carbon....
Rogers, George.....	Sunfield		
Rogers, Henry.....	Braidwood	Zeigler, John.....	Iles Junction...
Rude, Edmund.....	DeSoto		

MINE EXAMINERS HOLDING CERTIFICATES OF COMPETENCY.

The revised mining law of 1899 changed the title or name "Fire Boss" to that of "Mine Examiner," and provided that those holding certificates as Fire Boss could exchange the same for that of Mine Examiner.

The names followed by the abbreviation "ex," have made such exchange; those by "d" are deceased. The list includes all Mine Examiners to whom certificates have been issued prior to January 1, 1908.

Name.	Postoffice.	Name.	Postoffice.
Abel, George.....	East Peoria.....	Basso, Joseph.....	Athens
Adams, Alexander.....	Carterville	Baunder, Fred.....	Herrin
Adams, William M.....	Centralia	Baugh, William.....	Dawson
Adrien, Charles H.....	Hanna City.....	Beecham, William.....	Cardiff
Ainslie, Walter E.....	Zeigler	Beecham, Walter.....	Brereton.....
Akers, Max.....	Edwards	Beekman, Theodore.....	Glen Carbon....
Allen, Ben.....	Virden	Beese, Charles.....	Belleville
Allen, Fred.....	Centralia	Berg, Fred A.....	Mt. Olive.....
Allen, Taylor.....	Auburn	Beggs, David.....	Fairbury
Alexander, John.....	Cable	Beard, Jacob.....	Duquoin
Alexander, David H.....	Pinckneyville	Belch, Thomas.....	Herrin
Amberger, Joseph.....	Chatham	Bell, Arthur.....	Carterville
Andree, John W.....	Greenview	Bell, William.....	Streator
Anderson, James.....	Marion	Beltz, F. J.....	Eldorado
Anderson, Wm.....	Glen Carbon.....	Bennett, David R.....	Mt. Olive.....
Andrew, Thomas.....	Oglesby	Bennett, William.....	Danville
Andrew, Thomas.....	Kangley	Bergony, Henry.....	Toluca
Archibald, George.....	Green Ridge.....	Beger, E. Crust.....	Mt. Olive.....
Armstrong, J. J.....	Herrin	Bernard, Edward.....	Danville
Armstrong, George.....	Riverton	Bernthal, Carl.....	Worden
Argyle, Joseph.....	Coal City.....	Berry, W. C.....	Staunton
Arnold, Stephen.....	Oglesby	Bruson, Wm.....	Winchester
Asbery, E.....	Salem	Betson, Robt.....	Farmington
Ashley, George S.....	Willisville	Betson, Richard.....	Farmington
Asbery, J. B.....	Salem	Bettison, William.....	Canton
Atkinson, John G.....	Cable	Bevan, Wm.....	Spring Valley...
Avery, William.....	Belleville	Beynon, J. G.....	O'Fallon
		Biehl, Charles.....	Belleville
		Bigelow, George.....	Spaulding
Back, Robert.....	Farmington	Biroschik, John S.....	Streator
Backes, John L.....	Mapleton	Blair, Herbert M.....	Centralia
Bailey, David.....	Sunfield	Bluefield, Charles.....	Coal City.....
Bailey, William.....	Sunfield	Blakemore, George.....	Streator
Baillie, James W.....	Duquoin	Blenkinsopp, Thomas, Jr.	Cable
Baird, Daniel.....	Sparta	Blue, J. W.....	Grape Creek....
Baker, Charles.....	Centralia	Bobell, Louis.....	Mt. Pulaski....
Baker, Sherrard.....	Gillespie	Booth, Enoch.....	Springfield
Baker, Robert.....	Auburn	Bolt, Martin.....	Ladd
Baker, Samuel G.....	Auburn	Borg, Frank.....	Mt. Olive.....
Baker, Wm. F.....	Murphysboro	Bost, Lock.....	Pana
Baldwin, J. F.....	Equality	Boston, John W.....	Tallula
Barker, John.....	Centralia	Bouer, Benj. F.....	Herrin
Barkley, George.....	Greenview	Bowen, Gwilym.....	Herrin
Barlow, Harry.....	Johnston City	Bowen, Melvin I.....	Blue Mound....
Barwick, Sylvester.....	Carterville	Bowen, J. W.....	Taylorville.....
Barrowman, Geo. S.....	Bush	Bowie, Thomas.....	Braidwood
Barrowman, Wm. T.....	DeSoto	Bowie, Robert.....	Braidwood

Mine Examiners, Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Bowman, Jacob.....	Salem.....	Charnock, James.....	Decatur.....
Boyer, John.....	Fairmount.....	Charlton, Edward.....	Riverton.....
Bracewell, Warren.....	Danville.....	Christie, Wm. T.....	Herrin.....
Brayfield, Henry.....	Cartersville.....	Cisey, William T.....	Ava.....
Bradley, James L.....	O'Fallon.....	Clark, Walter.....	Lebanon.....
Bradley, James.....	Belleville.....	Clark, Robert.....	Farmington.....
Braddock, Joseph H.....	French Valley.....	Clark, Joseph B.....	Hornsby.....
Brantley, Edgar.....	Murphysboro.....	Claunch, Marion.....	Beeves.....
Breeze, John E.....	Taylorville.....	Clelland, Wm.....	Rutland.....
Brennan, Patrick.....	Toluca.....	Craine, J. E., Jr.....	Murphysboro.....
Brennan, John E.....	Virden.....	Cunningham, David.....	Carlinville.....
Brennan, George.....	Caseyville.....	Champley, James (ex).....	Wenona.....
Breen, John.....	Springfield.....	Coleman, Mont.....	Virden.....
Brewer, Emery A.....	Mt. Pulaski.....	Condon, Charles H.....	Hanna City.....
Brinley, Wm.....	Westville.....	Connolly, Terrance J.....	Assumption.....
Britton, Charles.....	Collinsville.....	Cansidine, John.....	Belleville.....
Brod, Peter A.....	Odin.....	Coogan, William.....	East Peoria.....
Brook, Isaac.....	S. Wilmington.....	Cook, William.....	Duquoin.....
Brooks, Mac.....	Pleasant Plains.....	Cook, Frank.....	Westville.....
Brown, Ben F.....	Bryant.....	Cook, Elijah.....	Wanlock.....
Brown, Harry.....	Hillsboro.....	Cook, Thomas.....	Belleville.....
Brown, Leslie L.....	Peoria.....	Cook, Thomas.....	Belleville.....
Brown, Matthew.....	Springfield.....	Cook, Amt.....	Reeves.....
Brown, Archibald.....	Streator.....	Cooper, Moses.....	Athens.....
Brown, John T.....	Ledford.....	Corcoran, James.....	Cartersville.....
Brown, G. J.....	Elkville.....	Corcoran, Charles.....	Cartersville.....
Brooks, Peter (d).....	Taylorville.....	Cordon, Richard.....	Coulterville.....
Bryan, William.....	Virden.....	Cosgrove, Bernard.....	Sparta.....
Bullough, James.....	Glaro.....	Cosgrove, John.....	Sparta.....
Bundy, John.....	Streator.....	Costello, Henry (ex) (d).....	Pana.....
Bumgartner, Andrew J.....	Barclay.....	Cowley, William.....	Duquoin.....
Burgess, Wm. W.....	Johnson City.....	Cowley, Peter.....	Westville.....
Burke, John.....	Westville.....	Crane, Roy.....	Tamaron.....
Burnett, J.....	Hallidayboro.....	Crichton, Lawson.....	Taylorville.....
Burnett, Thomas.....	Hallidayboro.....	Crofts, Robert.....	Cardiff.....
Burns, James, Sr.....	Springfield.....	Critchey, Harry.....	Glen Carbon.....
Burns, Geo.....	Danville.....	Cross, Thomas.....	Johnson City.....
Burns, J.....	Spring Valley.....	Connaughton, Edward.....	Belleville.....
Burns, Wm. S.....	Gillespie.....	Cox, E.....	Centralia.....
Butler, W. H.....	Percy.....	Cox, Norman.....	Murphysboro.....
		Cox, W. E.....	Centralia.....
		Cox, Will M.....	Edwardsville.....
		Cumming, J. M.....	East Peoria.....
		Cummins, Ross.....	Danville.....
Cadmus, George T.....	Lebanon.....	Dacy, William.....	Springfield.....
Cahill, W. H.....	Royalton.....	Daenzer, John A.....	Glen Carbon.....
Campbell, Robert.....	Witt.....	Daley, Charles.....	Springfield.....
Campbell, James.....	Assumption.....	Dale, John.....	Streator.....
Campbell, Edward.....	Pekin.....	Dallas, Charles.....	Odin.....
Campbell, Wm. A.....	Seatonville.....	Dale, Henry, Jr.....	Herrin.....
Cameron, Duncan.....	Virden.....	Davis, John.....	Kingston Mines.....
Cannon, John.....	Marquette.....	Daly, William.....	Staunton.....
Capet, Moses.....	Coal City.....	Dalzell, Andrew.....	S. Wilmington.....
Cappin, Aaron.....	Wenona.....	Damrath, Frederick.....	Virden.....
Capstick, Arthur E.....	New Baden.....	Dangerfield, Edward.....	Herrin.....
Capstick, Wesley W.....	New Baden.....	Daniel, John.....	Belleville.....
Carlson, Andrew.....	Colfax.....	Daugherty, Chas.....	Spring Valley.....
Carr, J. W.....	Odin.....	Daniels, David.....	Belleville.....
Carr, Wm.....	Middletown.....	Dave, Charles.....	Lenzburg.....
Carraber, Thomas.....	Zeigler.....	David, Emmer E.....	Astoria.....
Carroll, Anthony W.....	Gillespie.....	Davis, George.....	Springfield.....
Carter, James.....	LaSalle.....	Davies, Thomas.....	Nitwood.....
Carter, Samuel.....	Braceville.....	Davis, William.....	Streator.....
Carterell, Claude.....	Herrin.....	Davis, John E.....	Cambria.....
Carylon, J.....	Oglesby.....	Davis, William H.....	Streator.....
Case, William.....	Diamond.....	Davis, Jackson.....	Athens.....
Casey, James.....	Selbytown.....	Davis, William.....	Streator.....
Casey, John.....	Braidwood.....	Davis, John.....	Taylorville.....
Casey, John.....	Williamsville.....	Davis, Wm. J.....	Spring Valley.....
Cashen, W. P.....	Lincoln.....	Davenport, W. H.....	Hillsboro.....
Castillo, Henry (d).....	Pana.....	Davidson, Frank A.....	Sparta.....
Cave, Albert.....	Streator.....	Davidson, Forest W.....	Sandalval.....
Chadderton, John.....	Lenz Station.....	Davidson, Wm.....	Christopher.....
Champe, Wm. M.....	Coffeen.....		
Champ, J. W.....	Colchester.....		
Champley, James.....	Wenona.....		

Mine Examiners, Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Davison, William D.	Sandoval	Forsythe, Hugh	Marissa
Day, Louis B.	Taylorville	Foster, Ralph	Marion
Day, John H.	Belleville	Fox, John	Elmwood
Dayton, J.	Roanoke	Frank, Anton	Freeburg
Dawkins, Wm. E.	Rentchler	Fremgen, C. J.	Glen Carbon
Deming, Frank R.	Zeigler	Fremgen, C. W.	Glen Carbon
Dickey, J. G.	Sparta	Fren, Thos.	Staunton
Dickinson, Wm. F.	Athens	Fround, Isaac	Taylorville
Dickinson, Geo.	Chatham	Fryer, Alfred	Springfield
Diehl, Louis	Belleville	Frankovitch, Joseph	Kangsley
Dilts, Harry	Farmington	Funk, William	Johnson City
Dillon, James	Braidwood		
Dodge, H. N.	East Peoria		
Doeris, Charles	Harrisburg	Gahagan, Frank	Harrisburg
Dobbs, Henry	LaSalle	Galbraith, Patrick	Coal City
Doerr, Emil	Johnson City	Galvin, Martin	Assumption
Doonier, P. J.	Westville	Galligher, J. M.	Cartersville
Donkin, Jonathan, Sr.	LaSalle	Galligan, Michael	Herrin
Downs, Thomas	Westville	Gastenecker, William	Troy
Dowdell, W.	Danville	Gebauer, Joseph	Glen Carbon
Dowell, William C.	Centralia	Geddis, Hamilton A.	Chatham
Draper, Orason	Divernion	Gerlt, Albert C.	Staunton
Drake, Jess.	Glen Carbon	Gerlity, Herman	Marissa
Dubois, James	Oglesby	Getteman, L.	Centralia
Duncan, John C.	Murphysboro	Grebandy, Honore	Westville
Dunkel, George E.	Pleasant Plains	Giebel, Nick	Springfield
Dusenberry, Walter	Marissa	Gillespie, John	Divernon
		Gillespie, James	Cantrall
Fadie, John	Sherman	Gladson, Lee	Duquoin
Fady, Geo.	Streator	Gleich, Fred	Pekin
Edmunds, Morgan	Mt. Olive	Glover, Richard	Belleville
Edwards, Benj.	Westville	Gloss, Michael	Gardner
Edwards, Thos.	Murphysboro	Goehe, William	Staunton
Eh'ert, William	Mt. Olive	Gosnell, N. F.	Herrin
Ellison, Charles R.	Pana	Gosnell, Ira	Herrin
Emmerson, Arthur	Cartersville	Goss, Robt.	Streator
English, Thomas	Streator	Grabruck, Emile	Gardner
Esner, Frank	Stauding	Graham, L. A.	Bloomington
Erschenberg, H. W.	Peru	Graham, Albert	Virden
Eubanks, Edward R.	Hallidayboro	Graham, Geo.	Virden
Ernest, Lewis	Mt. Olive	Graham, Robt. H.	Springfield
Evans, John	Sandoval	Gramlich, Fred W.	Belleville
Evans, Edward J.	Pekin	Gray, Alexander	Gillespie
Evans, Wm. A.	Danville	Gray, James C.	Girard
Evans, Gwilym I.	Duquoin	Gray, Henry	Athens
Evans, Evan P.	Cuba	Gray, William	Streator
		Green, Wm. H.	Belleville
Fairburn, Geo.	Streator	Green, J. W.	Springfield
Falconer, George P.	Belleville	Green, Thomas H.	Springfield
Fareno, Joseph	Streator	Greenam, John	Coal City
Farmer, James	Marissa	Gregor, Charles	Springfield
Farrand, Walter	Barclay	Grieve, Peter	Belleville
Farrrell, John H.	Springfield	Grier, Robt.	Tice
Farrimond, Joseph	Staunton	Grier, Jess.	Belleville
Faughn, James Lewis	Murphysboro	Grieve, Robt.	Collinsville
Fergus, Edmund	Herrin	Griffin, John B.	Niantic
Ferguson, Wm.	So. Wilmington	Griffith, Peter	Paisley
Fickart, Henry	Staunton	Griffiths, Evan	St. David
Ficker, F.	Staunton	Griffith, David	Centralia
Fiellingham, John E.	Peoria	Grills, Landon C.	Duquoin
Firth, Ben	Virden	Groom, Isaac	Belleville
Felto, Logan	Johnson City	Guiney, Martin	Marion
Felton, Harry	Petersburg	Guthrie, J. C.	Herrin
Finn, Michael	So. Wilmington	Guthrie, F. T.	Minonk
Flynn, Edward	Duquoin	Guy, John	Streator
Flynn, Charles	Pana		
Flynn, Wm.	Willsville	Hackett, Joseph	Blue Mound
Flynn, John	Duquoin	Haddow, Thomas	Pana
Flynn, Wm. H.	Cartersville	Haftter, Charles	Mt. Olive
Fletcher, Earl	Duquoin	Haftter, Paul E.	Mt. Olive
Ford, Charles	Centralia	Hardman, J. J.	Auburn
Ford, John	Tilden	Hall, Joseph	Auburn
		Hall, Thomas	Auburn

Mine Examiners, Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Hall, Albert.....	Herrin	Howells, George.....	Staunton
Hall, John W.....	Riverton	Hoye, William.....	Braidwood
Hall, Tead.....	Murphysboro	Honbuan, M.....	Herrin
Halmbacher, Frank.....	Decatur	Hughes, John.....	Decatur
Harris, William.....	Hallidayboro	Hughes, Frank P.....	Kangley
Harrison, James.....	Athens	Hutchinson, Ralph.....	Barclay
Harrison, John.....	Odin		
Haun, George.....	Litchfield		
Hamilton, David.....	Assumption	Idle, Hiram.....	
Hampton, Harry.....	O'Fallon	Irrers, Daniel.....	Mt. Olive
Handwright, J.....	Virden	Ingerski, Stock B.....	Minonk
Halsfield, Aaron.....	Oglesby		
Hart, Chas. J.....	Virden		
Harris, Tom.....	DeSoto	Jackson, John.....	Marion
Harrison, Robert.....	Cornell	Jackson, Benj.....	Norris
Harron, Walter.....	Sorento	Jackson, E. W.....	Christopher
Haselton, F.....	Springfield	Jackson, Thomas.....	Cable
Harvey, C. M.....	Williamsville	Jacobs, Walter.....	Johnson City
Hatmaker, Sterling.....	Herrin	Jacobs, Geo. A.....	Streator
Hawkins, Sidney.....	Belleville	James, Jonah.....	Grape Creek
Hayden, G. S.....	Wenona	James, Walter.....	Divernon
Haydon, Martin.....	Sherman	Jaques, Charles.....	Riverton
Hayes, Webster.....	Glen Carbon	Jarrell, Edward.....	Harrisburg
Hanson, Charles.....	Danville	Jarnalski, Mike.....	Streator
Hannah, Edward.....	Springfield	Jarrard, John.....	Johnson City
Hanson, William.....	Belleville	Jarrard, John.....	Johnson City
Hardin, Hiram H.....	Divernon	Jasper, John.....	Duquoin
Harvey, Frank.....	Springfield	Jeffries, Thomas R.....	Herrin
Haskins, Joseph.....	Catlin	Jeffrey, John.....	Murphysboro
Hedges, R. A.....	Herrin	Jenkins, Richard.....	LaSalle
Hassler, John E.....	Belleville	Jenkins, T. C.....	Murphysboro
Hillery, T.....	Sherrard	Jenson, August.....	Breese
Haywood, Joseph.....	Centralla	Jenkins, August H.....	Staunton
Hebenstreet, J. A.....	Staunton	Jennins, Wm. M.....	Athens
Heck, Mat.....	Belleville	Jeremiah, John J.....	Duquoin
Heln, Fred.....	Sparta	Jeten, T. F.....	Roanoke
Hellery, G. M.....	Dunfermline	Johnson, David.....	Oglesby
Heffington, W. T.....	Coulterville	Johnson, Samuel.....	Oglesby
Helm, Theodore.....	Staunton	Johnson, James N.....	Cartersville
Helm, Guido.....	Mt. Olive	Johnson, Nels.....	Johnson City
Hemmersbach, Peter.....	Farmington	Johnston, John M.....	Reeves
Hemphill, Clarence W.....	Marissa	Jones, Alex.....	Oglesby
Henley, J. H.....	Odin	Jones, Thomas H.....	Centralla
Henley, John, Jr.....	Odin	Jones, Ben J. (ex.).....	Coffeen
Henderson, John D.....	Herrin	Jones, John E.....	Paisley
Henderson, Alexander.....	Springfield	Jones, Thomas.....	Lebanon
Henderson, J.....	Spaulding	Jones, John.....	Duquoin
Herbert, Albert W.....	Athens	Jones, Willis.....	Springfield
Herring, Albert.....	Murphysboro	Jones, Benj. J.....	Herrin
Heron, George.....	DeSoto	Jones, Morgan.....	Coffeen
Hexter, John.....	Freeburg	Jones, Robert R.....	Litchfield
Herzog, W.....	Glen Carbon	Jones, Wm. Hy.....	Oglesby
Hickman, Lewis H.....	Bissell	Jones, John O.....	Catlin
Hill, Peter H.....	Hillsboro	Jones, David.....	Braceville
Hickey, John.....	Mt. Olive	Jones, John.....	Westville
Hittmair, John.....	Mt. Olive	Jones, Thomas.....	Clarke City
Hines, William.....	Rutland	Jones, Thomas.....	Taylorville
Hippard, W. J.....	Belleville	Jones, Jordan, Robert (d)	Streator
Hocking, Arthur J.....	LaSalle	Jordan, Alfred.....	St. David
Hodder, Jacob.....	Norris		
Hood, John.....	Divernon		
Hooper, Geo.....	Winchester	Kane, J. M.....	Springfield
Houston, Robert J.....	Lebanon	Kancy, John.....	Centralla
Holcomb, Reuben.....	Westville	Kaveny, John R.....	Troy
Holcomb, Steve.....	Westville	Keating, John P.....	
Holden, Andrew.....	Coal City	Kelly, Thos. E.....	Petersburg
Hope, Geo.....	Johnson City	Kenney, Wm.....	Sparland
Hopkins, Reese.....	Litchfield	Kepper, Wm.....	Peru
Hopkins, David.....	Willisville	Kerchner, John.....	Belleville
Homer, Fred.....	Sandoval	Kerr, George.....	Fairbury
Horning, E. E.....	Harrisburg	Kidd, Wm.....	Witt
Hottriz, Alexander.....	Edwardsville	Kidd, S. A.....	Oglesby
Howell, J.....	Cartersville	Kilian, Charles J.....	Belleville
Howell, John W.....	Staunton	Kimball, Ben.....	Zeigler

Mine Examiners, Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Kimmel, Theodore.....	Hallidayboro	Martin, Samuel.....	Glen Carbon.....
Kingsley, G.....	Kingston Mines.....	Martin, William.....	LaSalle.....
Kingsley, T.....	Kingston Mines.....	Marsteiner, J. J.....	Tamaroa.....
Killingworth, Chas. H.....	Pinckneyville.....	Maggs, Jacob.....	Danville.....
Kleist, Theodore.....	Mt. Olive.....	Massie, Alfred N.....	Belleville.....
Klein, Andrew.....	Streator.....	Massie, J. G.....	Belleville.....
Klingenfus, Wm.....	Belleville.....	Matthews, John E.....	Riverton.....
Kloever, Matthew.....	Pana.....	Mee, James.....	Spring Valley.....
Knapp, Charles.....	Seatonville.....	Mee, Peter J.....	Spring Valley.....
Knapp, Jerome.....	Duquoin.....	Merkel, Benj.....	Sandoval.....
Knies, Harry.....	Breese.....	Mayne, Thomas.....	Glen Carbon.....
Koehler, Charles.....	Lincoln.....	Maynard, Thomas.....	Wanlock.....
Kohers, Adam.....	Bresse.....	Meyer, B.....	Staunton.....
Kalkmann, Gustav.....	Marissa.....	Meyer, Louis.....	Breese.....
Kortkamp, Karl.....	Hillsboro.....	Myers, Isaac.....	Harrisburg.....
Kortkamp, Lewis.....	Hillsboro.....	Midyett, Jesse.....	Hallidayboro.....
Kosesky, Abel.....	LaSalle.....	Millett, John.....	Collinsville.....
Krallman, Chas.....	Glen Carbon.....	Millett, Thomas.....	Troy.....
Kramer, Frederick.....	Centralia.....	Mitchell, Elijah J.....	Farmington.....
Kramer, Leo.....	Mt. Olive.....	Mitchell, T.....	Duquoin.....
Kreppert, William.....	Springfield.....	Mitchell, Seliz.....	Marissa.....
Krump, Chas.....	Lebanon.....	Mitchinson, John.....	Hanna City.....
Krumeich, John A.....	Glen Carbon.....	Middleton, J. L.....	Salem.....
Kuehnel, August.....	Braceville.....	Miller, James.....	Edwardsville.....
Kunkle, Edward.....	Middletown.....	Miller, Alexander.....	Ridge Prairie.....
		Miller, Chas. H.....	Glen Carbon.....
		Miller, C.....	Glen Carbon.....
		Miller, John K.....	Staunton.....
		Miller, J. S.....	Gillespie.....
		Miller, G. W.....	Pawnee.....
		Miller, Albert.....	Glen Carbon.....
		Miller, W. W.....	New Douglas.....
		Milfs, G. J.....	Lincoln.....
		Miles, E. E.....	Centralia.....
		Milenky, Michael.....	Mt. Olive.....
		Mitchell, Andrew.....	Johnson City.....
		Moffat, A. S.....	Sparta.....
		Molloy, John.....	Blue Mound.....
		Monghan, T. P.....	Springfield.....
		Monson, Charles.....	Springfield.....
		Monroe, W. R.....	Carriers Mills.....
		Montgomery, Wm.....	Harrisburg.....
		Moorcraft, Thomas.....	Farmington.....
		Mooney, Arthur.....	Chatham.....
		Moore, Wm. A.....	Springfield.....
		Moran, Thomas.....	Assumption.....
		Morgan, Daniel S.....	Springfield.....
		Mornklo, Peter.....	Glen Carbon.....
		Morin, W. M.....	Herrin.....
		Montjoy, John A.....	Clark City.....
		Morris, James P.....	Centralia.....
		Morris, John T.....	Harrisburg.....
		Morfell, Fred.....	LaSalle.....
		Morgan, E. T.....	Georgetown.....
		Morgan, Joseph.....	Streator.....
		Morgan, George L.....	Glen Carbon.....
		Morris, John H.....	Wenona.....
		Morton, Luther.....	Reeves.....
		Moses, John L.....	Johnson City.....
		Moughan, John J.....	Springfield.....
		Moss, Thomas.....	Staunton.....
		Moss, Thomas, Jr.....	Livingston.....
		Muentrich, J.....	Staunton.....
		Muhs, Joseph.....	Belleville.....
		Mulhollen, Peter.....	Bissel.....
		Mullage, Jos.....	Worden.....
		Mulhollan, Joseph.....	Springfield.....
		Munster, James.....	Muncie.....
		Muir, Andrew.....	Springfield.....
		Murphy, John.....	Braidwood.....
		Murphy, Peter.....	Hillsboro.....
		Murphy, Michael.....	Pana.....
		Murrell, Wm.....	Westville.....
		Murry, James.....	Auburn.....
Lamar, Frank.....	Worden.....		
Lamb, George.....	Springfield.....		
Lauder, Frank.....	Cartersville.....		
Langhorn, Edward.....	Johnson City.....		
Lanxon, Walter.....	Belleville.....		
Larrick, O. O.....	Divernon.....		
Lasley, Wm.....	Hallidayboro.....		
Lawson, Arthur.....	Edwardsville.....		
Lawson, John.....	Cable.....		
Lawson, Thomas.....	Johnston City.....		
Lawrence, Geo.....	Spring Valley.....		
Leach, John.....	Auburn.....		
Ledford, L.....	Ledford.....		
Letsum, Wm.....	Seneca.....		
Linton, Quincy M.....	Gillespie.....		
Little, Claud.....	Vandercook.....		
Little, Wm.....	Herrin.....		
Lehwald, Herman.....	Springfield.....		
Lloyd, Roland R.....	Barclay.....		
Loeffler, Anton.....	LaSalle.....		
Loescher, Chas. B.....	Mt. Olive.....		
Lofley, Chas.....	Canton.....		
Longshore, Harry A.....	Duquoin.....		
Long, J. W.....	Norris.....		
Lockhart, James M.....	Sunfield.....		
Lockard, M. J.....	Tower Hill.....		
Lore, William.....	Springfield.....		
Lorden, Michael.....	Centralia.....		
Love, Jas.....	Herrin.....		
Lowes, John.....	Benton.....		
Lumaghi, Louis F.....	Collinsville.....		
Lyons, Mark.....	Lincoln.....		
Macke, Jacob F.....	Ledford.....		
Madison, Joseph.....	Sherman.....		
Maitlang, H. S.....	Nashville.....		
Malcor, Henry.....	Riverton.....		
Malcor, Frank.....	Springfield.....		
Malcor, Joseph P.....	Spring Valley.....		
Manees, Charles.....	Centralia.....		
Mann, Jacob.....	Mascoutah.....		
Markel, Albert.....	Hillsboro.....		
Marland, Wm.....	Sparland.....		
Marland, Wm.....	Staunton.....		
Markham, John J.....	Taylorville.....		
Mason, Myrick.....	LaSalle.....		

Mine Examiners, Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
McAdam, Joe.....	Pana.....	Ormiston, John.....	Harrisburg.....
McAleney, Edward.....	Springfield.....	Owens, Evan.....	Auburn.....
McCall, Maurice R.....	Odin.....		
McCranor, James.....	Girard.....		
McCarnes, Henry.....	Marissa.....	Parker, Joseph.....	Carbon Hill.....
McGrindle, David.....	Oglesby.....	Parker, Will C.....	Harrisburg.....
McDade, David.....	Edwardsville.....	Patton, George A.....	Sandoval.....
McDonald, Wm.....	Braidwood.....	Payne, Perry.....	Litchfield.....
McDonald, Adam S.....	Dalzel.....	Payne, Emanuel.....	Litchfield.....
McDonald, Archibald.....	Westville.....	Pearson, George.....	Glen Carbon.....
McDill, James.....	Assumption.....	Peart, John.....	Braidwood.....
McEwen, Charles.....	Carbon Hill.....	Peart, Jno., Jr.....	So. Wilmington.....
McFadden, Wm.....	Danville.....	Peck, William.....	LaSalle.....
McKillon, Donald.....	Carbon Hill.....	Percy, Robert.....	Tilden.....
McLachlan, Alexander.....	Springfield.....	Pelecke, Wm.....	Pekin.....
McLachlan, John.....	Springfield.....	Petrie, Geo. L.....	Collinsville.....
McGarrity, John.....	Springfield.....	Peters, Benjamin.....	Streator.....
McKenzie, Alex. C.....	Canton.....	Pettigrew, A.....	Roanoke.....
McKinne, Hugh (d).....	Springfield.....	Pettigrew, J.....	Roanoke.....
McKinney, Albert.....	Springfield.....	Pettigrew, Robert.....	Roanoke.....
McLaughlin, John P.....	Auburn.....	Petty, John.....	Herrin.....
McLaughlin, Patrick.....	Chatham.....	Phelan, Augusta J.....	Lincoln.....
McBride, George.....	Mascoutah.....	Phelps, George.....	Herrin.....
McCall, John.....	Springfield.....	Phillips, Benjamin.....	Kangley.....
McLaughlin, Wm.....	Duquoin.....	Phillips, Daniel.....	Spring Valley.....
McLaughlin, Henry.....	Winchester.....	Phillips, Wm. C.....	Streator.....
McLean, Wm. F.....	Iles Junction.....	Pick, Edward.....	Central City.....
McManaman, John.....	Westville.....	Pickett, J. W.....	Spring Valley.....
McManaman, Edward.....	Westville.....	Pickering, John L.....	Harrisburg.....
McRae, Roderick.....	Belleville.....	Pickon, Felix.....	Danville.....
McNally, Arthur.....	Wenona.....	Pickton, John L.....	Farmington.....
McVey, G. R.....	Sorento.....	Pickus, August.....	Decatur.....
McQuinn, Robert.....	Sunfield.....	Pierard, Edward.....	Coal City.....
		Pinson, Samuel.....	Coffeen.....
		Frankie, A. H.....	Pana.....
Nation, Henry C.....	Glen Carbon.....	Pleschner, Oscar J.....	Westville.....
Naylor, T. W.....	Glen Carbon.....	Plumber, Arthur.....	Duquoin.....
Neal, Edward O.....	Wolcott.....	Preval, Fred.....	Springfield.....
Neil, A.....	Spaulding.....	Price, Fred W.....	Edinburg.....
Neil, Warren.....	Danville.....	Petrie, Joseph.....	Belleville.....
Neil, F. C.....	Gillespie.....	Poole, Robert H.....	Belleville.....
Neimes, William.....	St. David.....	Potter, E.....	Hanna City, R.
Newton, Walter.....	Spring Valley.....		R. No. 1.....
Nesbit, Charles L.....	Freeburg.....	Powell, David.....	Murphysboro.....
Nestler, Wm.....	Spring Valley.....	Price, John B.....	Marissa.....
Neubauer, Julius.....	Troy.....	Price, Wm.....	Braceville.....
Neylen, Dennis.....	Shelbytown.....	Prince, Thomas.....	Mt. Olive.....
Nichelson, Geo.....	Tower Hill.....	Proser, Morgan.....	Livingston.....
Nichols, Eli W.....	Dunfermline.....	Prudent, Edward.....	Centralia.....
Nichols, Walter.....	Benton.....	Pulliam, Albert J.....	Ladd.....
Nixon, Robert.....	Streator.....		
Nordine, John.....	Bloomington.....	Quinn, Bernard.....	Bloomington.....
Nordman, Joseph.....	Breese.....	Quinn, Thos. J.....	Lincoln.....
Nordner, C. K.....	Athens.....		
Norton, Wm.....	Glen Carbon.....		
Noll, Charles.....	Springfield.....	Raab, Rudolph.....	Carlinville.....
Noll, Peter.....	Belleville.....	Race, George.....	Springfield.....
Nordman, Ferdinand.....	Breese.....	Rackley, Emery.....	Pinckneyville.....
Novak, Peter.....	Minonk.....	Rae, Robert.....	Carbon Hill.....
Nuttall, J. F.....	Athens.....	Rainey, S. G.....	Harrisburg.....
Nye, C. L.....	Decatur.....	Randall, Wm.....	Belleville.....
		Rankin, Thomas A.....	Westville.....
O'Brien, Thomas.....	LaSalle.....	Ready, Thos.....	Springfield.....
Oexner, Frank.....	Belleville.....	Rearely, G. W.....	Riverton.....
O'Connor, Patrick F.....	Palsley.....	Reld, Andrew.....	Springfield.....
O'Connor, Henry.....	Spring Valley.....	Reed, Albert.....	Braidwood.....
Odum, Wiley.....	Harrisburg.....	Reed, James.....	Dunfermline.....
Ogles, Virgil.....	Marissa.....	Rees, Henry.....	Lebanon.....
Onul, John.....	Germantown.....	Reeser, John.....	Springfield.....
Olson, John.....	Danville.....	Rehg, Charles.....	Belleville.....
Olive, Wm.....	Maryville.....	Rennison, Henry.....	St. John.....
Olroyd, Peter W.....	Springfield.....	Reuter, Max.....	Staunton.....
Opp, Sherman W.....	Canton.....	Reynolds, John.....	Streator.....

Mine Examiners, Certificates of Competency—Continued.

Name.	Postoffice.	Name.	Postoffice.
Reynolds, Andrew.....	Danville	Shaw, Henry.....	Spring Valley...
Reynolds, David.....	Muncie	Siddall, Edward.....	Streator
Reville, M. A.....	Duquoin	Siddall, John W.....	Streator
Rhodes, D. R.....	Pana	Siddall, James.....	Streator
Rhodes, J. L.....	Westville	Simpson, James I.....	Springfield
Rice, Geo.....	Springfield	Sine, C. A.....	Herrin
Richards, James.....	LaSalle	Smith, Geo. F.....	Farmington
Ritchie, John.....	Glen Carbon.....	Smith, Geo. A.....	Sandoval
Rltson, Hugh.....	Farmington	Smith, Arthur J.....	Springfield
Rider, James H.....	Pontiac	Smith, George T.....	Dawson
Richard, James.....	Belleville	Smith, Henry.....	Smithton
Richardson, Thos.....	Streator	Smith, William H.....	Taylorville
Richter, Franz B.....	Springfield	Smith, John P.....	Glen Carbon...
Robertson, Alexander.....	Murphysboro	Smith, James.....	Streator
Robertson, R. W.....	Johnson City.....	Smith, George W.....	Cartersville
Roberts, Evan.....	Danville	Smith, Benjamin.....	Canton
Roehl, Chas.....	Mt. Olive.....	Smith, Harry.....	Troy
Robinson, Thos. J.....	Greenview	Smith, Ephraim.....	Westville
Robinson, Robt.....	Athens	Smith, John H.....	Herrin
Robbins, Aaron.....	Mt. Pulaski.....	Smith, William.....	Belleville
Roger, James.....	Virden	Smith, Paul.....	Springfield
Rollo, Geo., Jr.....	Pana	Smith, Wm. F.....	O'Fallon
Rolls, Richard.....	Pana	Smith, Joseph.....	Virden
Rolls, James.....	Pana	Smith, Holden J.....	Centralia
Rolandelly, C. D.....	Clarke City.....	Smith, Joseph.....	Moweaqua
Rasan, John P.....	Duquoin	Smith, Matt.....	Centralia
Ross, S. H.....	Gillespie	Smith, Alex.....	Danville
Ross, John H.....	Gillespie	Smith, Edward.....	Glen Carbon...
Rothemberger, Paul.....	Spring Valley.....	Smart, James H.....	Cuba
Rowlands, Iver.....	Virden	Skipworth, James F.....	Cartersville
Royster, William.....	Duquoin	Sneddon, Michael.....	Chatham
Rozanski, Michael.....	Taylorville	Sneddon, George.....	Chatham
Rude, Michael.....	DeSoto	Snigler, Edward.....	Johnson City.....
Rucker, Charles.....	Georgetown	Snyder, Henry.....	Herrin
Russell, Duncan.....	Danville	Sollis, John.....	Centralia
Russell, A. A.....	Edwardsville	Sorrell, Harry H.....	Pana
Runnels, Geo.....	Johnson City.....	Southworth, Andrew P.....	Belleville
Ruff, William.....	Troy	Spaulding, J. H.....	Worden
Rufus, H. H.....	Danville	Soulsby, Henry.....	Mt. Olive.....
		Spiller, George.....	Johnson City.....
Saathoff, John.....	New Baden	Spies, Alfred.....	Braceville
Sauer, G. G. Fred.....	Belleville	Spies, E.....	Braceville
Saurs, C.....	Peoria	Spies, William.....	Braceville
Sasage, Mike.....	Lincoln	Stafford, Frank.....	Lebanon
Savill, Wm.....	Streator	Steek, Daniel.....	Collinsville
Sawyer, L. C.....	Taylorville	Steele, D.....	Centralia
Scattergood, John.....	Barclay	Steel, Neal.....	Centralia
Schardin, Henry.....	Collinsville	Stearns, James.....	Hallidayboro
Schmidt, Conrad.....	Lincoln	Stearns, John.....	Hallidayboro
Schmidt, Henry.....	Staunton	Stewart, W. B.....	Virden
Schmidt, A. R.....	Spaulding	Stoneburner, L. L.....	Sorento
Schmithausen, Theodore.....	Mt. Olive.....	Sullivan, Michael.....	Tallula
Schrader, Joseph H.....	Murphysboro	Slow, Michael.....	Braceville
Schoenbeck, A. C.....	Belleville	Stelber, Anton.....	Glen Carbon...
Schnette, H. F.....	Mt. Olive.....	Stelnes, Benjamin.....	Willisville
Scheller, Julius.....	Mt. Olive.....	Steux, Adolph.....	Auburn
Schrayer, Moses.....	Spring Id.....	Stevens, Walter.....	Streator
Schreier, Gustave.....	Divernon	Stevens, John.....	Cuba
Scott, Wm. J.....	Springfield	Stewart, John T.....	Coulterville
Scott, James.....	Springfield	Stewart, Ray.....	Write Ash
Scoby, Ray.....	Gilchrist	Strirat, James.....	Canton
Sebastian, Charles.....	Freeburg	Srief, W. H.....	Eldorado
Seldi, Frank J.....	Sandoval	Stirrup, Alfred.....	Duquoin
Self, J.....	Glen Carbon.....	Stone, Wm.....	Sherrard
Secor, T. D.....	Odin	Stone, Herman R.....	Herrin
Settles, Allen.....	Elmwood	Stockman, Wm. C.....	Belleville
Severit, Albert.....	Belleville	Straub, Joseph.....	Glen Carbon...
Shanahan, Patrick H.....	Gillespie	Streitner, J.....	Kekanee
Shanahan, George W.....	Gillespie	Stricklin, Wm. H.....	Harrisburg
Shannon, Thos.....	Worden	Stricklin, Clarence S.....	Harrisburg
Shannon, Abraham.....	Carbon Hill.....		
Shurin, Peter.....	Auburn	Taake, Henry H.....	Central City....
Shroyer, Edward.....	Dunfermline	Taulbee, E. E.....	Hillsboro
Shuster, Harb C.....	Peoria	Taylor, Henry.....	Belleville
Shuster, B. J.....	Peoria	Templeton, Wm. H.....	Cartersville

Mine Examiners, Certificates of Competency—Concluded.

Name.	Postoffice.	Name.	Postoffice.
Templeton, Wm. C.....	Cartersville	Weudler, Adelbert.....	Glen Carbon.....
Thaine, James.....	Litchfield	Westwood, F. T.....	Belleville
Thedford, Ira.....	Herrin	Westwood, Joseph E.....	Staunton
Thom, John.....	Coal City.....	Whalen, Michael.....	Greenridge
Thomas, John R.....	Spring Valley.....	White, Louis.....	Spring Valley.....
Thomas, Thos.....	Eldorado	White, John.....	Pana
Thomas, D. J.....	Riverton	White, William H.....	Riverton
Thomas, W. J.....	Spring Valley.....	White, Robert.....	Belleville
Thomas, Wm. J.....	Divernon	Whitcamper, Louis.....	Lincoln
Thompson, Wm.....	Mt. Olive.....	Whitehead, Edward.....	Farmington
Thorunt, Joseph, Sr.....	Trenton	Wilkinson, George R.....	Bissell
Thrush, David Z.....	Hanna City.....	Wetherell, James.....	Ladd
Trush, Wm. H.....	Hanna City.....	Welsgerber, Fred.....	Johnson City.....
Thrush, David S.....	Hanna City.....	Wigham, William G.....	Sparta
Thomas, David.....	Canton	Willard, Charles S.....	Glen Carbon.....
Tillman, Henry.....	Centralla	Wilderman, John H.....	DeSoto
Tilley, Geo.....	Belleville	Williams, C. C.....	Oglesby
Tidler, William L.....	O'Fallon	Williams, John.....	Belleville
Thompkins, Frank.....	St. David	Williams, James.....	Livingston
Tollmer, Fred.....	Glen Carbon.....	Williams, T. J.....	Cardiff
Towers, Wm.....	Zeigler	Williams, Anthony.....	Centralla
Tonner, Martin.....	Beneld	Williams, Malvin D.....	DeSoto
Trigg, Geo. H.....	Cuba	Williams, William H.....	Edinburg
Tretter, Joseph.....	Johnson City.....	Williams, William F.....	Pekin
Tregomling, Geo.....	Murphysboro	Williams, E. A.....	Cartersville
Tregoining, Walter.....	Cartersville	Williams, David.....	Coffeen
Turner, Daniel.....	Thayer	Williamson, Jacob H.....	Bissell
Tumbleson, Thomas.....	Worden	Williamson, Jacob.....	Bissell
Twigger, Amos.....	Riverton	Wilson, Henry, ex.....	Pana
Upperdine, Luke.....	Willisville	Wilson, J. M.....	Springfield
Valew, Edward.....	Glen Carbon.....	Wilson, James R.....	Hillsboro
Vallow, Ellis.....	Kinmundy	Wilson, Arthur.....	Cartersville
Van Norman, Norman.....	Peoria	Wilson, Edwin.....	Belleville
Varnier, J. M.....	Maryville	Wilson, John.....	Sparta
Virdeber, John.....	Lincoln	Williams, William F.....	Streator
Vit, Charles.....	Litchfield	Williams, David.....	Litchfield
Vickers, Michael J.....	Braidwood	Williams, Thomas.....	Kinmundy
Waite, Walter.....	Spring Valley.....	Wilson, Henry.....	Pana
Waite, Charles.....	Oglesby	Wilson, W. A.....	Belleville
Walker, James.....	Marion	Wilson, Robert.....	Nokomis
Walker, William.....	Wilmlington	Winterbottom, John.....	Sparta
Walker, W. R.....	Glen Carbon.....	Winterbottom, J. G.....	Sparta
Wall, David E.....	Divernon	Winning, W. W.....	Cartersville
Wall, J. E.....	Divernon	Wonderlick, John.....	Marissa
Wallace, John.....	Cartersville	Wood, William.....	Streator
Ward, John G.....	Streator	Wood, Henry.....	Troy
Ward, Robert, ex.....	Streator	Woodson, William R.....	Springfield
Ward, Wilson.....	Paisley	Woodson, E. L.....	Springfield
Wardell, John.....	Marion	Worthington, Hilliard.....	Hallidayboro
Warembary, August.....	Orchard Mines.....	Wright, Ed. J.....	Reeves
Warrington, Frank.....	Divernon	Wright, David.....	Carlville
Waugh, Robert.....	Herrin	Wright, Robert E.....	Equality
Watson, Thomas.....	Central City.....	Wright, William C.....	Centralla
Watson, John A.....	Cartersville	Wright, Thomas.....	Belleville
Watson, John.....	Worden	Yacop, George.....	Streator
Watson, James R.....	Cartersville	Yemm, William.....	Gillespie
Watt, William.....	Petersburg	Young, Sidney J.....	Canton
		Zager, William.....	Lenzburg
		Zagerman, Joseph.....	Mt. Olive.....
		Zink, P. J.....	Belleville

MINE EXAMINERS. CERTIFICATES OF SERVICE.

Name.	Postoffice.	Name.	Postoffice.
Arnold, Stephen.....	Kangley	Knepner, David.....	Girard
Bagshaw, George W.....	Virden	Kopps, August.....	Girard
Blakeman, George.....	Streator	Kortcamp, Carl.....	Hillsboro
Borg, Frank.....	Mt. Olive.....	Kortcamp, Lewis.....	Hillsboro
Boulton, Henry.....	Coal City.....	Lewis, Edward.....	Ladd
Bough, William.....	Dawson	Moffett, Edward A.....	Bartonville
Brooks, Peter.....	Taylorville	Montgomery, John H....	Gardner
Brown, John.....	Streator	Mooney, Arthur.....	Kangley
Caveny, Edward.....	Pana	McDonald, M. E.....	LaSalle
Davis, Thomas.....	Nilwood	Ross, S. H.....	Girard
Frenzen, Mat.....	Girard	Schmidt, Ernest.....	Mt. Olive.....
Gray, William.....	Streator	Schultz, John.....	Diamond
Griffin, John.....	Niantic	Shaw, Francis M.....	Hallidayboro
Hall, John Herbrt.....	Minonk	Shopman, John.....	Mt. Olive.....
Hoesfield, Aaron.....	Oglesby	Siebenhawer, Wm.....	LaSalle
Hornanor, Paul.....	Lincoln	Sloufskie, Herman.....	Decatur
Hughes, John.....	Decatur	Stewart, Samuel.....	Coal City.....
Humphreys, William....	Clark City.....	Taylor, Samuel.....	O'Fallon
Jenkins, Rutland.....	LaSalle	Thomas, David.....	Canton
		Ward, Robert.....	Streator
		Wilson, Archie.....	Clarke City.....
		Wilson, John.....	Gardner
		Wood, Henry.....	Streator

NINTH ANNUAL REPORT

OF THE

Bureau of Labor Statistics

OF THE

Illinois Free Employment Offices

FOR THE

YEAR ENDED OCTOBER 1, 1907.

[Established August 2, 1899]

DAVID ROSS, Secretary, Springfield.



SPRINGFIELD, ILL.
PHILLIPS BROS., STATE PRINTERS.
1908.

NINTH ANNUAL REPORT OF THE ILLINOIS FREE EMPLOYMENT OFFICE.

FOR THE YEAR ENDING SEPT. 30, 1907.

[*Established in 1899.*]

This is the ninth annual report of the Illinois Free Employment Offices, and is for the year ending Sept. 30, 1907. Three of these offices are located in Chicago and one in Peoria. Another office has been established in East St. Louis, which was opened for business Oct. 1, 1907. From the weekly reports received of the work accomplished by this office for the first three months, fully confirms the wisdom of establishing an office in that city. There are now five free employment offices in the State.

Table 1 presents a summary of the combined work of the four offices during the past year. The number registering, seeking employment, during the year was 59,631, this is only three per cent of an increase over last year; the number of employes registering for help was 65,872, being an increase of 8 per cent over last year.

The number of persons for whom positions were secured was 55,417; this is nearly 4 per cent more than for last year.

From the note at the foot of the table it will be seen that 329 persons given positions, had previously registered for employment, adding this number to the number registered during the year, it is found that for the whole number 92.7 per cent were given positions, thus supplying 84.1 per cent of the employers with the help sought for. No record is kept of any duplications of registering for employment or help, nor for positions secured.

TABLE I—*Showing the Combined Business of the Four Offices for the Year Ending Oct. 1, 1907.*

OFFICES. (Three in Chicago, one in Peoria.)	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
	Number filed.	Number positions secured.	Number unfiled.	Number filed.	Number unfiled.
North Side Office—Males.....	6,703	6,644	59	6,862	218
North Side Office—Females.....	4,060	4,003	57	4,991	988
Both sexes.....	10,763	*10,647	116	11,853	1,206
South Side Office—Males.....	15,126	14,353	773	17,137	2,784
South Side Office—Females.....	3,627	3,627	.....	6,177	2,550
Both sexes.....	18,753	17,980	773	23,314	5,334
West Side Office—Males.....	14,660	13,000	1,660	14,121	1,121
West Side Office—Females.....	3,922	3,205	717	4,399	1,194
Both sexes.....	18,582	16,205	2,377	18,520	2,315
Peoria Office—Males.....	8,711	8,308	403	9,158	850
Peoria Office—Females.....	2,552	2,277	275	3,027	750
Both sexes.....	11,263	†10,585	678	12,185	1,600
Total Males—Four Offices.....	45,200	42,305	2,895	47,278	4,973
Total Females—Four Offices.....	14,161	13,112	1,049	18,594	5,482
Both sexes.....	59,361	‡55,417	3,944	65,872	10,455

* Of this number 118 males and 161 females, a total of 279 were secured positions on applications filed last year.

† Of this number 39 males and 11 females, a total of 50 were secured positions on applications filed last year.

‡ Of this number 157 males and 172 females, a total of 329 were secured positions on applications filed last year.

These offices were opened and doing business 305 days during the year. Taking the whole number of persons served, it is found that an average of 48 persons registered for employment in each office every day and an average of 54 employers registered as wanting help; while an average of 46 persons were placed in positions of employment, thus making an average of 148 persons served at each office every working day during the year.

The expense to the State to maintain these offices for the past year was \$31,571; this sum is, of course, exclusive of the cost of equipment. The aggregate number of positions secured was 55,417, making a per capita cost of 57 cents.

Table 2 presents the cost of maintaining each of the four offices; showing the average cost per day for the 305 working days; the whole number of positions secured by each office; the average number secured by each office each working day, and the average cost per capita for positions secured.

TABLE 2—*Cost for Maintaining Offices; Average Cost Per Day, Positions Secured and Cost Per Capita for Same.*

Offices.	Cost of maintenance.	Average cost per day.	Number of positions secured.	Average number secured each day.	Cost per capita.
North Side Office.....	\$8,382 00	\$27 48	10,647	35	\$0 79
South Side Office.....	9,186 00	30 12	17,980	59	51
West Side Office.....	7,962 00	26 10	16,205	53	49
Peoria Office.....	6,041 00	19 81	10,585	35	57
The four offices.....	\$31,571 00	\$103 51	55,417	182	\$0 57

The cost of maintaining the different offices varies somewhat in amount but the best possible estimate is made based on the prospective work anticipated to be accomplished.

Table 3 presents the percentages of the total fund appropriated for each office, which includes salaries of officials, clerks, etc., and running expenses; also the percentage of positions secured by each office with the cost per capita.

The south side office in Chicago expended the larger per cent of the maintenance fund but procured the largest per cent of positions; the per capita cost for positions secured was 51 cents, which is 6 cents less than the average for the State. The west side office shows a per capita cost of 49 cents; the north side office 79 cents and the Peoria office 57 cents.

TABLE 3—*Percentages of Maintenance Fund and Positions Secured, also Cost per Capita.*

OFFICES.	PERCENTAGE OF—		Per capita.
	Maintenance.	Positions secured.	
North Side Office.....	26.6	19.2	\$0 79
South Side Office.....	29.1	32.5	51
West Side Office.....	25.2	29.2	49
Peoria Office.....	19.1	19.1	57

Table 4 shows by percentages the record for the year as presented in Table 1. That is to say, these percentages show for each office, and for all the offices, the proportion of both sexes applying for employment, wanted as help and positions secured.

The last line of the table shows that for both sexes all applicants for employment and all applications for help and for all positions secured, the divisions were nearly equal, being three-fourths for males and one-fourth for females.

TABLE 4.—*Percentages of Applicants for Employment and for Help, and Positions Secured for Males and Females by Each Office and by the Four Offices for the Year 1907.*

OFFICES.	PERCENTAGES OF—					
	APPLICATIONS FOR EMPLOYMENT.		APPLICATIONS FOR HELP.		POSITIONS SECURED.	
	Males.	Females.	Males.	Females.	Males.	Females.
North Side Office.....	62.28	37.72	57.89	42.11	62.40	37.60
South Side Office.....	80.66	19.34	73.51	26.49	79.83	20.17
West Side Office.....	78.89	21.11	76.25	23.75	80.22	19.78
Peoria Office.....	77.34	22.66	75.16	24.84	78.49	21.51
The four offices.....	76.14	23.86	71.77	28.23	76.34	23.66

Table 5 shows for each office the percentages of positions secured to applicants for employment, and to employers as applicants for help, for each sex and for both sexes.

The north side office shows the highest proportion of positions secured for males, while the south side office has credit for giving every female applicant a position.

For positions secured to applicants of both sexes the range is from 87.2 per cent at the west side office to 98.9 per cent at the north side office, while for all the offices 93.4 per cent were placed in positions.

On the other hand, applications of employers for help were well served, the four offices furnishing 89.49 per cent of the applications for males and 70.51 per cent for females, or 84.11 per cent for both sexes.

TABLE 5—*Percentages of Positions Secured and Percentages of Help Furnished both Male and Female.*

OFFICES.	PERCENTAGES OF POSITIONS SECURED APPLICANTS FOR EMPLOYMENT.			PERCENTAGES OF APPLICATIONS FOR HELP FURNISHED.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
North Side Office	99.10	98.60	98.92	96.82	80.20	89.82
South Side Office	94.89	100.00	95.88	83.75	58.75	77.12
West Side Office	88.68	81.72	87.21	92.06	72.63	87.50
Peoria Office	95.37	89.22	93.98	90.71	75.22	86.87
The four offices	93.60	92.59	93.36	89.49	70.51	84.11

RECORD FOR EIGHT YEARS BY CLASSIFIED OCCUPATIONS FOR MALES.

Table 6 presents the work accomplished by the four offices for male employment during the past eight years. The first line at the head of the table shows that, during these eight years, 238,419 men or boys applied to our free employment offices for positions of some kind wherein they might obtain a livelihood; of this number 209,848 or 88 per cent were placed in positions. During the same period 231,563 employers registered as desirous of obtaining help, and, from the number seeking employment, 90.62 per cent of the demand was supplied.

The classification of the occupations here shown is designed to show the character of employment which can be supplied and for which demand is made.

TABLE 6—*Classified Occupations of Males with Percentages for Eight Years.*

CLASSES OF OCCUPATIONS.	Number of occupations in each class.	NUMBER OF APPLICATIONS FOR—		Number of positions secured.	PERCENTAGES OF POSITIONS SECURED TO—	
		Employment.	Help.		Applicants for employment.	Applicants for help.
Totals—eight years		238,419	231,563	209,848	88.02	90.62
Not classified, 1907	157			5,486		
Not classified, previous years. 5,329						
AGRICULTURAL		11,351	11,709	10,195	89.82	87.07
1900	5	962	1,008	919	95.53	91.17
1901	5	727	841	686	94.36	81.57
1902	6	1,396	1,469	1,210	86.68	82.37
1903	6	1,152	1,266	1,009	87.59	79.70
1904	7	1,330	1,338	1,124	84.51	84.01
1905	8	1,738	1,707	1,511	86.94	88.52
1906	7	1,738	1,777	1,598	91.94	89.93
1907	6	2,308	2,303	2,138	92.63	92.84
CLERICAL		4,058	1,653	1,598	39.38	96.67
1900	7	320	43	39	12.19	90.70
1901	7	160	21	17	10.63	80.95
1902	11	608	194	188	30.92	96.91
1903	13	430	123	111	25.81	90.24
1904	13	618	191	188	30.42	98.43
1905	12	651	296	290	44.55	97.97
1906	9	752	483	468	62.23	96.89
1907	10	519	302	297	57.23	98.34
COMMERCIAL		7,186	5,155	4,189	58.29	81.26
1900	22	1,922	808	509	26.48	63.00
1901	22	802	346	276	34.41	79.77
1902	17	1,218	960	826	67.82	86.04
1903	14	607	556	425	70.02	76.43
1904	14	482	381	305	63.28	80.05
1905	13	647	628	500	77.28	79.62
1906	13	620	611	552	89.03	90.34
1907	12	888	865	796	89.64	92.02
DOMESTIC SERVICE		33,163	29,805	28,513	85.98	95.67
1900	12	4,242	3,335	3,193	75.27	95.74
1901	12	2,103	1,927	1,697	80.69	88.06
1902	11	4,100	3,796	3,539	86.31	93.23
1903	11	4,554	4,287	3,972	87.22	92.65
1904	10	3,108	2,630	2,565	82.53	97.53
1905	10	3,738	3,299	3,206	85.77	97.18
1906	11	5,213	4,883	4,761	91.33	97.50
1907	11	6,106	5,648	5,580	91.38	98.80
MANUAL LABOR		104,942	117,140	102,183	97.37	87.23
1900	3	5,708	7,326	5,607	98.23	76.54
1901	4	6,172	7,688	5,905	95.67	76.81
1902	3	13,840	15,915	13,230	95.59	83.13
1903	3	13,548	15,057	13,111	96.77	87.08
1904	4	10,497	11,450	10,106	96.27	88.26
1905	3	16,243	16,666	15,722	96.79	94.34
1906	4	20,495	21,574	20,225	98.68	93.74
1907	4	18,439	21,464	18,277	99.12	85.15

Table 6—Concluded.

CLASSES OF OCCUPATIONS.	Number of occupa- tions in each class.	NUMBER OF APPLICATIONS FOR—		Number of positions secured.	PERCENTAGES OF POSITIONS SECURED TO—	
		Employ- ment.	Help.		Appli- cants for employ- ment.	Appli- cants for help
PROFESSIONAL.....		278	170	157	56.47	92.35
1900.....	14	61	18	16	26.23	88.89
1901.....	9	39	21	19	48.72	90.48
1902.....	4	23	16	15	65.22	93.75
1903.....	5	31	14	14	45.16	100.00
1904.....	5	22	11	11	50.00	100.00
1905.....	4	13	9	8	61.54	88.89
1906.....	6	49	48	43	87.76	89.58
1907.....	3	40	33	31	77.50	93.93
TRADES.....		22,018	16,671	13,320	60.50	79.90
1900.....	82	2,974	1,262	1,042	35.04	82.57
1901.....	88	1,645	1,083	812	49.36	74.98
1902.....	70	2,660	1,982	1,618	60.83	81.63
1903.....	70	2,362	2,027	1,555	65.83	76.71
1904.....	66	1,959	1,016	819	41.81	80.61
1905.....	73	2,683	1,760	1,489	55.50	84.60
1906.....	70	3,378	3,278	2,595	76.82	79.16
1907.....	73	4,357	4,263	3,390	77.81	79.52
TRANSPORTATION.....		18,180	16,289	14,927	82.11	91.64
1900.....	17	2,232	1,579	1,433	64.20	90.75
1901.....	14	1,354	1,260	981	72.45	77.86
1902.....	11	2,726	2,570	2,230	81.80	86.77
1903.....	13	2,092	2,050	1,782	85.18	86.93
1904.....	11	1,561	1,242	1,156	74.06	93.08
1905.....	12	1,576	1,260	1,248	79.18	99.05
1906.....	10	2,991	2,815	2,714	90.74	96.41
1907.....	13	3,648	3,513	3,383	92.74	96.30
MISCELLANEOUS.....		37,242	32,971	29,280	78.62	88.81
1900.....	28	2,721	1,371	1,277	46.93	93.14
1901.....	37	1,645	1,107	899	54.65	81.21
1902.....	33	3,586	3,340	2,543	70.91	76.14
1903.....	38	4,638	4,566	3,695	79.67	80.92
1904.....	31	4,186	3,366	3,039	72.60	90.29
1905.....	45	4,784	3,726	3,471	72.55	93.16
1906.....	53	6,787	6,608	6,100	89.88	92.31
1907.....	42	8,895	8,887	8,256	92.82	92.90

RECORD FOR EIGHT YEARS, CLASSIFIED OCCUPATIONS FOR FEMALES.

Table 7 is a similar showing for female applicants for work and a corresponding demand for their services.

The first line at the head of this table shows that 111,903 applied for employment, and that 133,635 registered as wanting help, of the number seeking work 92.84 per cent were placed in positions thus supplying 77.74 per cent of those seeking help in these different classes of occupations.

TABLE 7—*Classified Occupations of Females, with Percentages—for Eight Years.*

CLASSES OF OCCUPATIONS.	Number of occupations in each class.	NUMBER OF APPLICATIONS FOR—		Number of positions secured.	PERCENTAGES OF POSITIONS SECURED, OR—	
		Employment.	Help.		Applicants for employment.	Applicants for help.
Totals, eight years.....		111,903	133,635	103,890	92.84	77.74
Not classified, 1907.....	172			3,476		
Not classified, previous year. 3,304						
CLERICAL.....		2,041	832	666	32.65	80.05
1900.....	5	188	62	59	31.38	95.16
1901.....	4	145	36	34	23.45	94.44
1902.....	4	347	121	93	26.80	76.86
1903.....	3	302	100	82	27.15	82.00
1904.....	3	363	120	115	31.68	95.83
1905.....	3	274	110	98	35.77	89.09
1906.....	3	266	178	105	39.47	58.99
1907.....	3	156	105	80	51.28	76.19
COMMERCIAL.....		1,732	1,591	957	55.25	60.15
1900.....	9	282	137	106	37.59	77.37
1901.....	9	120	111	44	36.67	39.64
1902.....	9	219	310	103	47.03	33.23
1903.....	13	181	158	96	53.04	60.76
1904.....	12	157	131	72	45.86	54.96
1905.....	9	222	225	155	69.82	68.89
1906.....	13	298	275	219	73.49	79.64
1907.....	11	253	244	162	64.03	66.39
DOMESTIC SERVICE.....		98,672	118,842	90,977	92.20	76.55
1900.....	17	14,388	17,321	13,983	97.19	80.73
1901.....	20	9,730	11,408	8,981	92.30	78.73
1902.....	19	12,857	14,919	11,564	92.28	79.52
1903.....	23	12,433	15,746	11,461	92.18	72.78
1904.....	21	12,001	13,278	11,037	91.96	83.12
1905.....	19	11,480	13,293	10,391	90.51	78.17
1906.....	22	13,285	16,297	11,628	87.53	71.36
1907.....	19	12,498	16,573	11,632	93.07	70.19
PERSONAL SERVICE.....		131	72	53	40.46	73.61
1900.....	3	25	1	1	4.00	100.00
1901.....	3	21	9	7	33.33	77.78
1902.....	3	16	9	8	50.00	88.89
1903.....	4	18	14	9	50.00	64.29
1904.....	4	21	13	12	57.14	92.31
1905.....	3	10	4	3	3.00	75.00
1906.....	3	14	17	9	64.29	52.94
1907.....	2	6	5	4	66.67	80.00
PROFESSIONAL.....		1,931	1,904	1,475	76.39	77.47
1900.....	5	391	337	286	73.14	84.87
1901.....	2	245	240	188	76.73	78.33
1902.....	3	255	262	200	78.43	76.34
1903.....	3	187	209	147	78.61	70.33
1904.....	3	254	220	180	70.87	81.82
1905.....	3	215	224	174	80.93	77.68
1906.....	2	216	230	161	74.54	70.00
1907.....	2	168	182	139	82.74	76.37

Table 7—Concluded.

CLASSES OF OCCUPATIONS.	Number of occupations in each class.	NUMBER OF APPLICATIONS FOR—		Number of positions secured.	PERCENTAGES OF POSITIONS SECURED TO—	
		Employment.	Help.		Applicants for employment.	Applicants for help.
TRADES.		1,221	1,587	958	78.46	60.37
1900.	8	144	210	116	80.56	55.24
1901.	7	93	115	62	66.67	53.91
1902.	4	138	190	95	68.84	50.00
1903.	5	119	149	73	61.34	48.99
1904.	2	116	168	100	86.21	59.52
1905.	5	194	250	153	78.87	61.20
1906.	5	260	317	235	90.38	74.13
1907.	3	157	188	124	78.98	65.96
MISCELLANEOUS.		6,175	8,904	5,328	86.28	59.84
1900.	7	389	725	346	88.95	47.72
1901.	7	296	409	251	84.80	61.37
1902.	12	911	1,444	749	82.22	51.87
1903.	4	856	1,237	751	87.73	60.71
1904.	9	818	1,155	680	83.13	58.87
1905.	12	855	1,120	731	85.50	65.27
1906.	16	1,127	1,517	1,021	90.59	67.30
1907.	17	923	1,297	799	86.57	61.60

APPLICATIONS FOR EMPLOYMENT AND POSITIONS SECURED.

Table 8 presents, in whole numbers and condensed form those portions of Tables 6 and 7 relating to applications for employment and positions secured. The first three columns of the table gives for each year, the whole numbers of each sex applying for employment, and the last three columns the number for whom positions were secured. The last line of the first three columns of the latter shows that a total of 365,727 persons, both sexes, applied at the four offices for employment during the past eight years; this is an average of 45,716 for each year. Of the whole number 68.34 per cent were males and 31.66 per cent females. The second three columns of the table shows that a total of 321,475 persons both sexes were placed in positions, this gives an average of 40,184 for each year. The males comprising 66.72 per cent and the females 33.28 per cent.

Considering both sexes for the eight years, it is shown that 87.9 per cent of applicants for work were placed in positions.

TABLE 8—*Number of Applications for Employment and Positions Secured, for Eight Years.*

YEAR.	APPLICATIONS FOR EMPLOYMENT.					
	NUMBER FILED.			NUMBER OF POSITIONS SECURED		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
1900—3 offices.....	21, 142	15, 807	36, 949	15, 322	15, 896	31, 218
1901—3 offices.....	14, 647	10, 650	25, 297	12, 748	10, 018	22, 766
1902—4 offices.....	30, 157	14, 743	44, 900	26, 661	13, 520	40, 181
1903—4 offices.....	29, 414	14, 096	43, 510	26, 335	12, 892	39, 227
1904—4 offices.....	23, 763	13, 730	37, 493	19, 405	12, 319	31, 724
1905—4 offices.....	32, 073	13, 250	45, 323	27, 652	11, 946	39, 598
1906—4 offices.....	42, 023	15, 466	57, 489	39, 420	14, 197	53, 617
1907—4 offices.....	45, 200	14, 161	59, 361	42, 305	13, 112	55, 417
Total—8 years.....	238, 419	111, 903	350, 322	209, 848	103, 900	313, 748
1899—3 offices, 9 weeks.....	9, 825	3, 272	13, 097	3, 752	2, 745	6, 497
1901—Peoria office, 3 months.....	1, 677	631	2, 308	877	353	1, 230
Totals.....	11, 502	3, 903	15, 405	4, 629	3, 098	7, 727
Grand totals.....	249, 921	115, 806	365, 727	214, 477	106, 998	321, 475

Table 9 presents the other parts of Tables 6 and 7, that is, the number of applications of employers for help and the number supplied. The total number of employers applying for help during the eight years, shown in the first three columns, was 377,159; of this number 63.29 per cent was for male help and 26.71 per cent for female. The average of the whole number being 47,145 for each of the eight years. The last three columns of the table shows the help supplied; the number in these columns are identical with those shown in like columns of Table 8.

The proportion of help supplied during these years equaled 89.9 per cent for males and 77.27 per cent for females, or 85.24 per cent for both sexes.

The work of these offices during the eight years they have been operating, considered as supply and demand in the labor market, it is shown that the supply has been represented by 365,727 individual applicants for employment and the demand by 377,159 individual employers wanting help. The demand numbering 11,432 or 3.1 per cent in excess of the supply.

TABLE 9—*Number of Applications for Help, and Positions Secured for Eight Years.*

YEAR.	APPLICATIONS OF EMPLOYERS FOR HELP.					
	NUMBER FILED.			NUMBER SUPPLIED.		
	Males.	Females.	Total.	Males.	Females.	Total.
1900—3 offices.....	16,749	18,793	35,542	15,322	15,896	31,218
1901—3 offices.....	14,294	12,329	26,623	12,748	10,018	22,766
1902—4 offices.....	30,243	17,254	47,497	26,661	13,520	40,181
1903—4 offices.....	29,946	17,613	47,559	26,335	12,892	39,227
1904—4 offices.....	21,625	15,085	36,710	19,405	12,319	31,724
1905—4 offices.....	29,351	15,226	44,577	27,652	11,946	39,598
1906—4 offices.....	42,077	18,831	60,908	39,420	14,197	53,617
1907—4 offices.....	47,278	18,594	65,872	42,305	13,112	55,417
Totals—8 years.....	231,563	133,725	365,288	209,848	103,900	313,748
1899—3 offices, 9 weeks.....	6,103	4,267	10,370	3,752	2,745	6,497
1901—Peoria office, 3 months.....	1,028	473	1,501	877	353	1,230
Totals.....	7,131	4,740	11,871	4,629	3,098	7,727
Grand totals.....	238,694	138,465	377,159	214,477	106,998	321,475

Table 10 presents the work of these offices for the eight years reduced to percentages.

TABLE 10—*Percentages of Positions Secured for Employés and Employers, by Years.*

YEAR.	POSITIONS SECURED EMPLOYÉS.			HELP FURNISHED EMPLOYERS.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
1900.....	72.47	100.56	84.49	91.48	84.58	87.83
1901.....	87.03	94.07	89.99	89.18	81.26	85.51
1902.....	88.41	91.70	89.49	88.16	78.35	84.60
1903.....	89.53	91.46	90.16	87.94	73.20	82.48
1904.....	81.66	89.72	84.61	89.73	81.66	86.42
1905.....	86.22	90.16	87.37	94.21	78.46	88.83
1906.....	93.81	91.15	93.26	93.69	75.39	88.03
1907.....	93.60	92.59	93.36	89.49	70.51	84.13
Eight years.....	88.02	92.85	89.56	90.62	77.70	85.89
1899—Three offices, 9 weeks.....	38.19	83.89	49.61	61.48	64.33	62.65
1901—Peoria office, 3 months.....	52.30	55.94	53.29	85.31	74.63	81.95
Aug. 2, 1889 to Oct. 6, 1906.....	84.10	92.37	86.84	89.95	78.32	85.47

SKILLED AND UNSKILLED LABOR.

Table II presents the number of both sexes registering for employment, classified as skilled labor, for eight years, drawn from Tables 6 and 7. The grouping is for four distinct classes of employment or callings; clerical, commercial, professional and trades. In parallel columns will be found the number of individual employers registering as applying for help qualified in these classes of services; also the number placed in the several positions embraced in the classification; and finally the last two columns of the table give the percentages of positions secured and help furnished. For the eight years 57.50 per cent of males and 58.57 per cent of females, registering for employment in the four classes, have been placed in positions; while the employers desiring the varied services of persons included in these classes were served, 81.46 per cent with male help and 68.58 per cent with female help.

TABLE II.—*Skilled Labor, Males and Females, Number of Applicants for Employment and Help, Positions Secured, with Percentages for Eight Years.*

CLASSIFICATION—SKILLED.	NUMBER OF APPLICANTS FOR—		Number of positions secured.	PERCENTAGES OF POSITIONS SECURED FOR—	
	Employment.	Help.		Employment.	Help.
Eight years—Males	33,504	23,649	19,264	57.50	81.46
Clerical	4,058	1,653	1,598	39.38	96.67
Commercial.....	7,186	5,155	4,189	58.29	81.26
Professional.....	278	170	157	56.47	92.35
Trades	21,982	16,671	13,320	60.60	79.90
Eight years—Females	6,925	5,914	4,056	58.57	68.58
Clerical	2,041	832	666	32.63	80.05
Commercial.....	1,732	1,591	957	55.25	60.15
Professional.....	1,931	1,904	1,475	76.39	77.47
Trades	1,221	1,587	958	78.46	60.37
Both sexes.....	40,429	29,563	23,320	57.68	78.88

Table 12 presents the record for unskilled labor for eight years. The showing is for four classes for males and two classes for females, with a miscellaneous class in each. It will be noticed here that the percentages of applicants for employment placed in positions, is much higher than in skilled labor; this is also to be observed in the numbers engaged by employers.

TABLE 12—*Unskilled Labor, Males and Females, Number of Applicants for Employment and Help, Positions Secured, with Percentages for Eight Years.*

CLASSIFICATION—UNSKILLED.	NUMBER OF APPLICANTS FOR—		Number of positions secured.	PERCENTAGES OF POSITIONS SECURED FOR—	
	Employment.	Help.		Employment.	Help.
Eight years—Males	204,915	207,914	185,098	90.33	89.03
Agricultural	11,387	11,709	10,195	89.53	89.97
Domestic service	33,164	29,805	28,513	85.97	95.67
Manual labor	104,942	117,140	102,183	97.37	88.17
Transportation	18,180	16,289	14,927	82.11	91.64
Miscellaneous	37,242	32,971	29,280	78.62	88.81
Eight years—Females	104,978	127,721	96,358	91.79	75.44
Domestic service	98,672	118,835	90,977	92.20	76.56
Personal service	131	72	53	40.46	73.61
Miscellaneous	6,175	8,814	5,328	86.28	60.45
Both sexes	297,466	317,760	269,021	90.44	84.66

APPLICATIONS FOR EMPLOYMENT.

Table 13 presents in detail the applications of both sexes for employment, filed in all the offices during the year. The number of occupations represented for males is 174, for females 57 the total for each office appears at the head of the table.

TABLE 13—*Applications for Employment—Work of all the Offices—Three in Chicago, One in Peoria.*

MALES.

Number.	OCCUPATION.	APPLICATIONS FOR EMPLOYMENT.				Total.
		North Side.	South Side.	West Side.	Peoria.	
	Grand totals.....	10,763	18,753	18,582	11,263	59,361
	Males	6,703	15,126	14,660	8,711	45,200
	Females	4,060	3,627	3,922	2,552	14,161
	Total males.....	6,703	15,126	14,660	8,711	45,200
1	Agents.....				21	21
2	Any light work.....			7		7
3	Apprentices.....			63		63
4	Assemblers.....	28		7		35
5	Attendants.....	6				6
6	Bakers.....	2	6	11	35	54
7	Barbers.....	1	5	1		7
8	Barnmen.....	112	122	81	178	493
9	Bartenders.....	1	4	16	12	33
10	Bench hands.....	34		99		133
11	Blacksmith.....	17	41	25	23	106
12	Blacksmith helpers.....			3	2	5
13	Boiler makers.....		34			34
14	Bookbinders.....			1		1
15	Bookkeepers.....	6	10	11	11	38
16	Bootblacks.....		3		2	5
17	Bottle washers.....			1		1
18	Boxmakers.....		24			24
19	Boys.....	304	305	268		877
20	Boys, bell.....			7	28	35
21	Boys, delivery.....			2	152	154
22	Boys, elevator.....				16	16
23	Boys, errand.....			23	1	24
24	Boys, office.....			54	12	66
25	Brakemen.....			3		3
26	Brass finishers.....			2		2
27	Bricklayers.....		13	2		15
28	Broom makers.....			1		1
29	Butchers.....	2	11	6	5	24
30	Butlers.....	3	2	13		18
31	Cabinet makers.....	33	14	12	1	60
32	Calclminers.....		1	5		6
33	Candy makers.....			4		4
34	Canvassers.....	53		1	2	56
35	Canvassmen.....			7		7
36	Carpenters.....	97	317	215	90	719
37	Carpet layers.....		14			14
38	Carriage and wagon washers.....	26	34	17		77
39	Cashiers.....	2				2
40	Caulkers.....		19			19
41	Chauffeurs.....			5		5
42	Checkers.....			2		2
43	Chicken pickers.....				1	1
44	Chippers.....			70		70
45	Cigar makers.....			1		1
46	Circular distributors.....			6		6

Table 13—Continued.

Number.	OCCUPATION.	APPLICATIONS FOR EMPLOYMENT.				Total.
		North Side.	South Side.	West Side.	Peoria.	
47	Cleaners, harness.			1		1
48	Clerks, bill			1		1
49	Clerks, drug		3			3
50	Clerks, grocery			2		2
51	Clerks, shipping		18	13		31
52	Clerks, not stated	35	113	135	116	400
53	Coachmen	27	13	11	8	59
54	Coal heavers			62		62
55	Coal miners			13	24	37
56	Collectors	4	3	4	13	24
57	Cooks	53	395	54	196	698
58	Coopers	1		6		7
59	Core makers			2	2	4
60	Cupola tenders			1		1
61	Dairy hands		3		14	17
62	Detectives				1	1
63	Die setters	10				10
64	Dishwashers	85	525	64	228	902
65	Distributors	4	76		53	133
66	Draughtsmen	1		4	2	7
67	Drill pressmen			146		146
68	Drivers	88		100		188
69	Drop hammerers	35				35
70	Electricians		55	24	6	85
71	Elevator men	42	152	36	2	232
72	Engineers	11	47	48	21	127
73	Factory hands	169	806	757	302	2,034
74	Farmers	115	328			443
75	Farm hands			384	323	707
76	Filer	1				1
77	Firemen	54	135	141	32	362
78	Florists and gardeners		59			59
79	Foremen			5		5
80	Foundry men	5				5
81	Fruit pickers				45	45
82	Furnace tenders			7	1	8
83	Gas fitters			2		2
84	Gardners	40		21	56	117
85	Gatemen	7				7
86	Gunsmith, grinders	7		45		52
87	Handymen	785		380	1,337	2,502
88	Harness makers		2	2		4
89	Harvest hands				4	4
90	Hod carriers				2	2
91	Horseshoers				1	1
92	Hostlers			18		18
93	Hotel work			2		2
94	Housemen	430	931	149	111	1,621
95	Ice cutters			664	39	703
96	Inspectors	4				4
97	Interpreters			1		1
98	Iron workers	9	18	10	3	40
99	Janitors	140	400	164	60	764
100	Kitchen work	27	321	25	12	385
101	Laborers	2,521	6,309	6,634	3,897	18,361
102	Laborers, railroad				14	14
103	Lathe hands	7		64		71
104	Laundrymen	3	35	3	2	43
105	Linemen, not stated			1		1
106	Locksmiths			2		2
107	Machine hands	12	80	153		245
108	Machinists	45	316	207	60	628
109	Masons				13	13
110	Meat cutters and slaughterers			2		2
111	Mechanics			1		1
112	Metal workers	28		8		36
113	Mill work	3				3
114	Millwrights			5	5	10
115	Miners		77			77

Table 13—Continued.

Number.	OCCUPATION.	APPLICATIONS FOR EMPLOYMENT.				Total.
		North Side.	South Side.	West Side.	Peoria.	
116	Molders	81	26	81	26	214
117	Molders' helpers			1		1
118	Nurses		27	2	4	33
119	Office help	9				9
120	Oilers	23		5		28
121	Packers	17	84	127	2	230
122	Painters	27	50	40	50	167
123	Paper hangers	3	11	11	6	31
124	Pantrymen	2		2		4
125	Panwashers	7		2	48	57
126	Pattern makers			8	1	9
127	Pianists				1	1
128	Pin setters		41			41
129	Planers	12				12
130	Plasterers		7		5	12
131	Plumbers		1		8	9
132	Polishers, metal	6		1		7
133	Polishers, not stated			16		16
134	Porters	243	711	382	256	1,592
135	Pressers			3		3
136	Pressmen	94	15	2	2	113
137	Printers	1		3		4
138	Punch press hands			52		52
139	Railroadmen			6		6
140	Riveters	5		5		10
141	Roofers		3		2	5
142	Sailors			1		1
143	Salesmen		60	10	6	76
144	Sawyers	17		2		19
145	Shoemakers	2		2		4
146	Solicitors	1	13	5	43	62
147	Steamfitters	1	25	14	6	46
148	Stenographers	12	9	4	4	29
149	Stockmen	120	560	236		916
150	Stone cutters			1		1
151	Switchmen			1		1
152	Tailors		5	2	2	9
153	Tanners			1		1
154	Teamsters	29	204	161	451	845
155	Teamsters, with teams			2		2
156	Tenpin setters				36	36
157	Timekeepers	3		8		11
158	Tinsmiths	44	11	17	2	74
159	Tobacco strippers			1		1
160	Tool makers	4		10		14
161	Trip hammerers	39				39
162	Truckmen	161	714	897	23	1,795
163	Upholsterers	1	5	20		26
164	Wagon makers		1		4	5
165	Waiters	22	676	32	79	809
166	Warehousemen			244		244
167	Watchmen	22	264	270	14	570
168	Whitewashers			6		6
169	Wholesale men			6		6
170	Window washers	136	271	263		670
171	Wood choppers			24	1	25
172	Wood finishers	1		2		3
173	Wood workers	6		20		26
174	Yardmen	17	133	11	31	192
175	Miscellaneous, not classified				1	1

Table 13—Concluded.

FEMALES.

Number.	OCCUPATION.	APPLICATIONS FOR EMPLOYMENT.				Total.
		North Side.	South Side.	West Side.	Peoria.	
	Total females	4,060	3,627	3,922	2,552	14,161
1	Addressers.....	1		8	2	11
2	Any light work			1		1
3	Agents		1		4	5
4	Attendants.....	3		1		4
5	Bookkeepers.....		1	3	12	16
6	Bottle labelers.....			67		67
7	Bottle washers			49		49
8	Canvassers.....				4	4
9	Cashiers	7	2	15	48	72
10	Clerks	10	7		50	67
11	Commercial help			1		1
12	Chambermaids.....	309	306	345	158	1,118
13	Collectors				9	9
14	Companions.....			1	4	5
15	Cooks	289	429	309	97	1,124
16	Dayworkers.....	631	164	284	438	1,517
17	Demonstrators	1	2	5		8
18	Dining room help.....	108		197		305
19	Dishwashers	255	351	276	130	1,012
20	Distributors				1	1
21	Domestics			552		552
22	Dressmakers				4	4
23	Factory work	78	159	371	171	779
24	Folders, circulars			5		5
25	Fruit pickers			4	8	12
26	General housework.....	1,369			745	2,114
27	Governesses			1	1	2
28	Hotel help			20	5	25
29	Housekeepers.....	31	43	140	66	280
30	Housework		876			876
31	Janitresses	8	13	13	1	35
32	Kitchen help.....	339	313	261	161	1,074
33	Labelers				3	3
34	Laboratory work	7				7
35	Linen room girls.....				1	1
36	Laundresses	149	140	187	3	479
37	Matrons	1				1
38	Nurse girls				33	33
39	Nurses	52	24	76	13	165
40	Office work	15	30	18	31	94
41	Pantry work	33	58	56	15	162
42	Packers			15	2	17
43	Palmists				2	2
44	Pianists				1	1
45	Pressers				4	4
46	Saleswomen		2	2	1	5
47	Scrubwomen.....	174	315	225	12	726
48	Seamstresses	24	11	76	25	136
49	Second work.....	103	90	50	45	288
50	Silver women				7	7
51	Solicitors		1	3	4	8
52	Stenographers.....	3	5	12	26	46
53	Telephone operators.....			1	5	6
54	Ticket sellers				4	4
55	Typewriters			2		2
56	Vegetable women				5	5
57	Waitresses	60	284	270	191	805

APPLICATIONS FOR HELP.

Table 14 is a similar presentation showing the applications registered at all the offices by employers wanting help. The number of occupations for males shown here is 158 and for females 54.

TABLE 14—*Applications for Help—Work of all the Offices—Three in Chicago, One in Peoria.*

Number.	OCCUPATION.	APPLICATIONS FOR HELP.				Total.
		North Side.	South Side.	West Side.	Peoria.	
	Grand totals.....	11,853	23,314	18,520	12,185	65,872
	Males.....	6,862	17,137	14,121	9,158	47,278
	Females.....	4,991	6,177	4,399	3,027	18,594
	Total males.....	6,862	17,137	14,121	9,158	47,278
1	Agents.....				38	38
2	Apprentices.....			32		32
3	Architects.....		1			1
4	Assemblers.....	33		1		34
5	Attendants.....	6				6
6	Bakers.....	1	6	3	25	35
7	Barbers.....	1	7	1		9
8	Barmen.....	111	119	77	180	487
9	Bartenders.....	1	4	7	7	19
10	Bench hands.....	36		51		87
11	Blacksmiths.....	21	54	16	22	113
12	Blacksmith helpers.....			3	4	7
13	Boiler makers.....	1	43			44
14	Bookkeepers.....	5	7	1		13
15	Bootblacks.....		3		2	5
16	Bottle washers.....			1		1
17	Boxmakers.....		26			26
18	Boys.....	313	382	272		967
19	Boys, bell.....			1	28	29
20	Boys, delivery.....				144	144
21	Boys, elevator.....				16	16
22	Boys, errand.....			15	1	16
23	Boys, office.....			30	11	41
24	Bricklayers.....		23			23
25	Broom makers.....			2		2
26	Butchers.....	2	12	3		17
27	Butlers.....	3	2	12		17
28	Cabinet makers.....	39	13	11	4	67
29	Calclminers.....		1	5		6
30	Candy makers.....			4		4
31	Canvassers.....	56			7	63
32	Canvasmen.....			7		7
33	Car repairers.....			4		4
34	Carpenters.....	100	376	244	86	806
35	Carpet layers.....		12			12
36	Carriage and wagon washers.....	26	37	15		78
37	Cashiers.....	2				2
38	Caulkers.....		32			32
39	Chefs.....			1		1
40	Chicken pickers.....				1	1
41	Chippers.....			69		69
42	Circular distributors.....	6		6		6
43	Cleaners, harness.....			1		1
44	Clerks, drug.....		2			2
45	Clerks, grocery.....			2		2
46	Clerks, shipping.....		17	11		28
47	Clerks, not stated.....	26	107	20	76	229
48	Coachmen.....	26	11	6	2	45
49	Coal heavers.....			62		62
50	Coal miners.....			53	60	113
51	Collectors.....	2	3	1	1	7
52	Cooks.....	55	388	21	134	598

Table 14—Continued.

Number.	OCCUPATION.	APPLICATIONS FOR HELP.				Total.
		North Side.	South Side.	West Side.	Peoria.	
53	Coopers.	1		4		5
54	Core makers			1	2	3
55	Cupalo tenders			1		1
56	Dairy hands		3		14	17
57	Detectives				1	1
58	Die setters	10				10
59	Dishwashers	86	505	60	227	878
60	Distributors	5	74		59	138
61	Draughtsmen				2	2
62	Drill pressmen			77		77
63	Drivers	86		31		117
64	Drop hammerers	44				44
65	Electricians		70	7	8	85
66	Elevatormen	42	144	5		192
67	Engineers	9	44	12	14	79
68	Factory hands	169	784	607	354	1,914
69	Farmers	112	406			518
70	Farm hands			346	314	660
71	Filer	1				1
72	Firemen	51	135	76	24	286
73	Florists and gardeners.		57			57
74	Foremen			2		2
75	Foundrymen	5				5
76	Fruit pickers				45	45
77	Furnace tenders			5	1	6
78	Gardeners	44		16	56	116
79	Gas fitters			1		1
80	Gate-men	8				8
81	Grinders	7		45		52
82	Handymen	798		347	1,336	2,481
83	Harness makers		2			2
84	Harvest hands				4	4
85	Hostlers			16		16
86	Hotel work			1		1
87	Housemen	429	856	128	101	1,514
88	Ice cutters			869	39	908
89	Inspectors	4				4
90	Iron workers	11	23	4	3	41
91	Janitors	140	385	123	30	658
92	Kitchenwork	28	287	20	12	347
93	Laborers	2,551	7,245	7,162	4,409	21,367
94	Laborers, railroad				35	35
95	Lathe hands	8		45		53
96	Laundrymen	3	59	2	2	66
97	Machine hands	14	77	47		138
98	Machinists	48	356	93	76	573
99	Masons				21	21
100	Mechanics			1		1
101	Metal workers	27		5		32
102	Mill work	3				3
103	Millwrights			2	9	11
104	Miners		166			166
105	Molders	88	53	142	72	355
106	Nurses		26	1	3	30
107	Office help	8				8
108	Oilers	25				25
109	Packers	17	84	111	2	214
110	Painters	28	42	17	35	122
111	Paper hangers	3	11	9	6	29
112	Pantrymen	2		1	47	50
113	Pan washers	7		2		9
114	Pattern makers					
115	Pianists				1	1
116	Pin setters		40			40
117	Planers	12				12
118	Plasterers		21		5	26
119	Plumbers		4		7	11
120	Polishers, metal	6				6
121	Polishers, not stated			6		6
122	Porters	242	648	338	238	1,466

Table 14—Continued.

Number.	OCCUPATION.	APPLICATIONS FOR HELP.				Total.
		North Side.	South Side.	West Side.	Peoria.	
123	Pressers			1		1
124	Pressmen	110	15	3	1	129
125	Printers	1				1
126	Punch press hands			36		36
127	Railroadmen			11		11
128	Riveters	5		3		8
129	Roofers		4		2	6
130	Salesmen		60		2	62
131	Sawyers	18		1		19
132	Shoemakers	3				3
133	Solicitors	1	18	6	65	90
134	Steam fitters	1	23	4	5	33
135	Stenographers	12	8	2	1	23
136	Stockmen	121	539	226		886
137	Tailors		6		2	8
138	Teamsters	29	216	124	431	800
139	Teamsters, with teams			2		2
140	Tenpin setters				38	38
141	Time keepers	3				3
142	Tinsmiths	49	11	8	2	70
143	Tobacco strippers			1		1
144	Tool makers	4		9		13
145	Trip hammerers	47				47
146	Truckmen	181	689	938	35	1,843
147	Upholsterers	1	7	29		37
148	Wagon makers		3		3	6
149	Waiters	20	631	28	71	750
150	Warehousemen			244		244
151	Watchmen	24	247	273	4	548
152	Whitewashers			6		6
153	Window washers	160	262	263		685
154	Wood choppers			24	1	25
155	Wood finishers	1				1
156	Wood workers	6		8		14
157	Yardmen	17	123	10	31	181

FEMALES.

	Total females	4,991	6,177	4,399	3,027	18,594
1	Addressers	1		1		2
2	Agents		1		6	7
3	Apprentices			1		1
4	Attendants	4				4
5	Bookkeepers		2		6	8
6	Bottle labelers			69		69
7	Bottle washers			49		49
8	Canvassers				10	10
9	Cashiers	6	2		35	43
10	Clerks	11	18		24	53
11	Commercial help			1		1
12	Chambermaids	359	492	331	179	1,361
13	Companions				4	4
14	Collectors				7	7
15	Cooks	383	700	291	111	1,485
16	Dayworkers	637	191	113	391	1,332
17	Demonstrators	2	2	15		19
18	Dining room help	159		214		373
19	Dishwashers	294	555	281	134	1,264
20	Distributors				1	1
21	Domestic			1,111		1,111
22	Dressmakers				1	1
23	Factory work	140	242	465	300	1,147
24	Folders, circulars			5		5
25	Fruit pickers			5	11	16

Table 14—Concluded.

Number.	OCCUPATION.	APPLICATIONS FOR HELP.				Total.
		North Side.	South Side.	West Side.	Peoria.	
26	General housework.....	1,779			1,151	2,930
27	Hotel help.....			25	4	29
28	Housekeepers.....	40	104	80	46	270
29	Housework.....		1,786			1,786
30	Janitresses.....	10	13	5		28
31	Kitchen help.....	268	486	259	173	1,286
32	Laboratory work.....	9				9
33	Labelers.....				3	3
34	Laundresses.....	190	225	191	2	608
35	Linen room girls.....				1	1
36	Matrons.....	1				1
37	Nurse girls.....				25	25
38	Nurses.....	64	41	69	7	181
39	Office work.....	20	35	6	8	69
40	Pantry work.....	33	113	63	20	229
41	Packers.....			20	2	22
42	Palmists.....				2	2
43	Pianists.....				1	1
44	Pressers.....				5	5
45	Saleswomen.....		2	2	1	5
46	Scrubwomen.....	203	425	260	16	904
47	Seamstresses.....	32	19	98	16	165
48	Second work.....	128	171	59	41	399
49	Silver women.....				7	7
50	Solicitors.....	2		8	23	34
51	Stenographers.....	5	8	6	9	28
52	Telephone operators.....				12	12
53	Ticket sellers.....				4	4
54	Vegetable women.....				5	5
55	Waitresses.....	111	543	296	223	1,173

POSITIONS SECURED.

Table 15 is a continuation of the series of tables and shows for all the offices the positions secured for both sexes in the different occupations. The last column shows the total number of persons placed in positions.

TABLE 15—*Positions Secured—Work of all the Offices—Three in Chicago, One in Peoria.*

MALES.

Number.	OCCUPATION.	POSITIONS SECURED.				Total.
		North Side.	South Side.	West Side.	Peoria.	
	Totals	10 647	17,980	16,205	10,585	55,417
	Males	6,644	14,353	13,000	8,308	42,305
	Females	4 003	3,627	3,205	2,277	13,112
	Total males	6,644	14,353	13,000	8,308	42,305
	Males	6,526	14,353	13,000	8,269	42,148
	Positions filled from previous applications	118			39	157
1	Agents				19	19
2	Apprentices			32		32
3	Assemblers	27		1		28
4	Attendants	5				5
5	Bakers	1	5	3	24	33
6	Barbers	1	5	1		7
7	Barmen	111	114	76	178	479
8	Bartenders	1	4	7	7	19
9	Bench hands	30		51		81
10	Blacksmiths	17	41	14	9	81
11	Blacksmith helpers			1	2	3
12	Boiler makers		34			34
13	Bookkeepers	5	7	1		13
14	Boot blacks		3		2	5
15	Bottle washers			1		1
16	Boxmakers		24			24
17	Boys	278	285	253		816
18	Boys, bell			1	28	29
19	Boys, delivery				143	143
20	Boys, elevator				16	16
21	Boys, errand			15	1	16
22	Boys, office			30	11	41
23	Bricklayers		13			13
24	Broom makers			1		1
25	Butchers	2	11	3		16
26	Butlers	3	2	12		17
27	Cabinet makers	33	13	7	1	54
28	Calcinimers		1	5		6
29	Candy makers			4		4
30	Canvassers	49			2	51
31	Canvassmen					7
32	Carpenters	95	307	169	69	640
33	Carpet layers		12			12
34	Carriage and wagon washers	26	34	14		74
35	Cashiers	2				2
36	Caulkers		19			19
37	Chicken pickers				1	1
38	Chippers			69		69
39	Circular distributors			6		6
40	Cleaners, harness			1		1
41	Clerks, drug		2			2
42	Clerks, grocery			2		2
43	Clerks, shipping		17	11		28
44	Clerks, not stated	26	102	20	76	224

Table 15—Continued.

Number.	OCCUPATION.	POSITIONS SECURED.				Total.
		North Side.	South Side.	West Side.	Peoria.	
45	Coachmen.....	25	11	6	2	44
46	Coal heavers.....			62		62
47	Coal miners.....			13	24	37
48	Collectors.....	2	3	1	1	7
49	Cooks.....	52	370	19	132	573
50	Coopers.....	1		4		5
51	Core makers.....			1	2	3
52	Cupola tenders.....			1		1
53	Dairyhands.....		3		13	16
54	Detectives.....				1	1
55	Die setters.....	10				10
56	Dishwashers.....	85	499	60	227	871
57	Distributors.....	4	74		53	131
58	Draughtsmen.....				2	2
59	Drill pressmen.....			77		77
60	Drivers.....	83		31		114
61	Drophammerers.....	33				33
62	Electricians.....		53	7	4	64
63	Elevatormen.....	41	143	5	1	190
64	Engineers.....	8	43	12	12	75
65	Factory hands.....	161	766	607	277	1,811
66	Farmers.....	109	327			436
67	Farm hands.....			320	287	607
68	Filer.....	1				1
69	Firemen.....	49	113	76	24	262
70	Florists and gardeners.....		57			57
71	Foremen.....			1		1
72	Foundrymen.....	4				4
73	Fruit pickers.....				45	45
74	Furnace tenders.....			5	1	6
75	Gardeners.....	39		16	55	110
76	Gas fitters.....			1		1
77	Gatemen.....	7				7
78	Grinders.....	7		43		50
79	Handymen.....	775		343	1,336	2,454
80	Harness makers.....		2			2
81	Harvest hands.....				4	4
82	Hostlers.....			16		16
83	Hotel work.....			1		1
84	Housemen.....	426	849	126	101	1,502
85	Ice cutters.....			664	39	703
86	Inspectors.....	4				4
87	Iron workers.....	9	18	4	3	34
88	Janitors.....	138	361	122	30	651
89	Kitchenwork.....	26	284	20	12	342
90	Laborers.....	2,495	5,179	6,630	3,897	18,201
91	Laborers, railroad.....				14	14
92	Lathe hands.....	5		45		50
93	Laundrymen.....	3	34	2	2	41
94	Machine hands.....	12	77	47		136
95	Machinists.....	44	300	93	39	476
96	Masons.....				12	12
97	Mechanics.....			1		1
98	Metal workers.....	24		3		27
99	Mill work.....	3				3
100	Millwrights.....			2	5	7
101	Miners.....		76			76
102	Molders.....	71	26	76	26	199
103	Nurses.....		26		3	29
104	Office help.....	8				8
105	Oilers.....	23				23
106	Packers.....	16	83	111	2	212
107	Painters.....	24	42	17	35	118
108	Paper hangers.....	3	11	9	6	29
109	Pantrymen.....	2		1		3
110	Pan washers.....	7		2	47	56
111	Pattern makers.....			2		2
112	Pianist.....				1	1
113	Pin setters.....		40			40
114	Planers.....	9				9
115	Plasterers.....		7		5	12

Table 15—Continued.

Number.	OCCUPATION.	POSITIONS SECURED.				Total.
		North Side.	South Side.	West Side.	Peoria.	
116	Plumbers		1		7	8
117	Polishers, metal	6				6
118	Polishers, not stated			6		6
119	Porters	241	648	336	237	1,462
120	Pressers			1		1
121	Pressmen	88	15	1	1	105
122	Printers	1				1
123	Punch press hands			32		32
124	Railroadmen			6		6
125	Riveters	5		3		8
126	Roofers		3		2	5
127	Salesmen		58		2	60
128	Sawyers	15		1		16
129	Shoemakers	2				2
130	Solicitors	1	13	5	43	62
131	Steam fitters	1	23	4	5	33
132	Stenographers	12	8	2	1	23
133	Stockmen	119	521	223		863
134	Tailors		5		2	7
135	Teamsters	29	196	121	430	776
136	Teamsters, with teams			2		2
137	Ten pin setters				36	36
138	Time keepers	3				3
139	Tinsmiths	44	11	8	1	64
140	Tobacco strippers			1		1
141	Tool makers	4		9		13
142	Trip hammerers	35				35
143	Truckmen	161	677	895	23	1,756
144	Upholsterers	1	5	19		25
145	Wagon makers		1		3	4
146	Waiters	20	622	26	69	737
147	Warehousemen			244		244
148	Watchmen	21	238	221	4	484
149	Whitewashers			6		6
150	Window washers	135	257	263		655
151	Wood choppers			24	1	25
152	Wood finishers	1				1
153	Wood workers	4		8		12
154	Yardmen	17	119	10	31	177

FEMALES.

Total.....	4,003	3,627	3,205	2,277	13,112
Females	3,842	3,627	3,205	2,266	12,940
From previous applications	161			11	172
1	Addressers			1	1
2	Agents		1	4	5
3	Attendants	3			3
4	Bookkeepers		1	6	7
5	Bottle labelers			58	58
6	Bottle washers			46	46
7	Canvassers			3	3
8	Cashiers	6	2	35	43
9	Clerks	7	7	16	30
10	Chambermaids	289	306	301	1,048
11	Companions			3	3
12	Collectors			6	6
13	Cooks	276	429	230	1,020
14	Day workers	621	164	109	1,285
15	Demonstrators	1	2	5	8
16	Dining room help	97		173	270
17	Dishwashers	243	351	250	971
18	Distributors			1	1
19	Domestics			537	537
20	Dressmakers			1	1
21	Factory work	65	159	288	674

Table 15—Continued.

Number.	OCCUPATION.	POSITIONS SECURED.				Total.
		North Side.	South Side.	West Side.	Peoria.	
22	Folders, circulars			5		5
23	Fruit pickers			4	8	12
24	General housework	1,325			729	2,054
25	Hotel work			18	4	22
26	Housekeepers	24	43	62	39	168
27	Housework		876			876
28	Janitresses	8	13	5		26
29	Kitchen help	322	313	231	151	1,017
30	Labelers				3	3
31	Laboratory work	6				6
32	Laundresses	138	140	173	1	452
33	Linen room girls				1	1
34	Matrons	1				1
35	Nurse girls				23	23
36	Nurses	42	24	65	7	138
37	Office work	11	30	3	8	52
38	Pantry work	25	58	50	15	148
39	Packers			15	2	17
40	Palmists				2	2
41	Pianists				1	1
42	Pressers				4	4
43	Saleswomen		2	2	1	5
44	Scrubwomen	169	315	213	12	709
45	Seamstresses	16	11	63	16	106
46	Second work	93	90	43	38	264
47	Silver women				6	6
48	Solicitors		1	3	3	7
49	Stenographers	2	5	5	9	21
50	Telephone operators				4	4
51	Ticket sellers				4	4
52	Vegetable women				5	5
53	Waitresses	52	284	247	178	761

EMPLOYMENT, HELP, POSITIONS SECURED AND FILLED.

Table 16 presents the totals of the four offices, by occupations drawn from tables 13, 14, and 15, and in addition showing the percentages of positions secured to applicants for employment and for help furnished.

TABLE 16—*Number of Applications for Employment, and for Help, Positions Secured, with Percentages to Applicants for Employment and for Help—Four Offices.*

Number.	OCCUPATION.	APPLICATIONS FOR—		Number of positions secured.	PERCENTAGES OF—	
		Employment.	Help.		Positions secured applicants for employment.	Positions filled applicants for help.
	Grand total.....	59,361	65,872	*55,417	93.36	84.13
	Males.....	45,200	47,278	†42,305	93.60	89.48
	Females.....	14,161	18,594	†13,112	92.59	70.52
	Males.....	45,200	47,278	42,148	93.25	80.15
1	Agents.....	21	38	19	90.48	50.00
2	Any light work.....	7				
3	Apprentices.....	63	32	32	50.79	100.00
4	Architects.....		1			
5	Assemblers.....	35	34	28	80.00	81.35
6	Attendants.....	6	6	5	83.34	83.34
7	Bakers.....	54	35	33	61.11	94.29
8	Barbers.....	7	9	7	100.00	77.78
9	Barnmen.....	493	487	472	97.16	98.36
10	Bartenders.....	33	19	19	57.58	100.00
11	Bench hands.....	133	87	81	60.90	93.10
12	Blacksmiths.....	106	113	81	76.42	71.68
13	Blacksmith helpers.....	5	7	3	60.00	42.86
14	Boiler makers.....	34	44	34	100.00	77.27
15	Bookbinders.....	1				
16	Bookkeepers.....	38	13	13	34.21	100.00
17	Boot blacks.....	5	5	5	100.00	100.00
18	Bottle washers.....	1	1	1	100.00	100.00
19	Boxmakers.....	24	26	24	100.00	92.31
20	Boys.....	877	967	816	93.04	84.38
21	Boys, bell.....	35	29	29	82.86	100.00
22	Boys, delivery.....	154	144	143	92.86	99.31
23	Boys, elevator.....	16	16	15	100.00	100.00
24	Boys, errand.....	24	16	16	75.00	100.00
25	Boys, office.....	66	41	41	62.12	100.00
26	Brakemen.....	3				
27	Brass finishers.....	2				
28	Bricklayers.....	15	23	13	86.67	56.52
29	Broom makers.....	1	2	1	100.00	50.00
30	Butchers.....	24	17	16	75.00	94.12
31	Butlers.....	18	17	17	94.44	100.00
32	Cabinet makers.....	60	67	54	90.00	80.60
33	Calcinimers.....	6	6	6	100.00	100.00
34	Candy makers.....	4	4	4	100.00	100.00
35	Canvassers.....	56	63	51	91.07	80.95
36	Canvassmen.....	7	7	7	100.00	100.00
37	Car repairers.....		4			
38	Carpenters.....	719	806	640	89.01	79.40
39	Carpet layers.....	14	12	12	85.71	100.00
40	Carriage and wagon washers.....	77	78	74	96.10	94.87
41	Cauliers.....	2	2	2	100.00	100.00
42	Caulkers.....	19	32	19	100.00	59.38
43	Checkers.....	2				
44	Chauffeurs.....	5				
45	Chef.....		1			
46	Chicken pickers.....	1	1	1	100.00	100.00

* Including 329 applications filed previous year.

† Including 157 applications filed previous year.

‡ Including 172 applications filed previous year.

Table 16—Continued.

Number.	OCCUPATION.	APPLICATIONS FOR—		Number of positions secured.	PERCENTAGE OF	
		Employment.	Help.		Positions secured applicants for employment.	Positions secured applicants for help.
47	Chippers.....	70	69	69	98.57	100.00
48	Cigar makers.....	1				
49	Circular distributors.....	6	6	6	100.00	100.00
50	Cleaners, harness.....	1	1	1	100.00	100.00
51	Clerks, bill.....	1				
52	Clerks, drug.....	3	2	2	66.67	100.00
53	Clerks, grocery.....	2	2	2	100.00	100.00
54	Clerks, shipping.....	31	28	28	90.32	100.00
55	Clerks, not stated.....	400	229	224	56.00	97.82
56	Coachmen.....	59	45	44	74.58	97.78
57	Coal heavers.....	62	62	62	100.00	100.00
58	Coal miners.....	37	113	37	100.00	32.74
59	Collectors.....	24	7	7	29.17	100.00
60	Cooks.....	698	598	573	82.09	95.82
61	Coopers.....	7	5	5	71.43	100.00
62	Core makers.....	4	3	3	75.00	100.00
63	Cupola tenders.....	1	1	1	100.00	100.00
64	Dairy hands.....	17	17	16	94.12	94.12
65	Detectives.....	1	1	1	100.00	100.00
66	Die setters.....	10	10	10	100.00	100.00
67	Dishwashers.....	902	878	871	96.56	99.20
68	Distributors.....	133	138	131	98.49	94.93
69	Draughtsmen.....	7	2	2	28.51	100.00
70	Drill pressmen.....	146	77	77	52.74	100.00
71	Drivers.....	188	117	114	60.64	97.44
72	Drophammerers.....	35	44	33	94.29	75.00
73	Electricians.....	85	85	64	75.29	75.29
74	Elevatormen.....	232	192	180	81.90	98.96
75	Engineers.....	127	79	75	59.06	94.94
76	Factory hands.....	2,034	1,914	1,811	89.04	94.62
77	Farmers.....	443	518	436	98.42	84.17
78	Farm hands.....	707	660	607	85.86	91.97
79	Filer.....	1	1	1	100.00	100.00
80	Firemen.....	362	286	262	72.38	91.61
81	Florists and gardeners.....	59	57	57	96.61	100.00
82	Foremen.....	5	2	1	20.00	50.00
83	Foundrymen.....	5	5	4	80.00	80.00
84	Fruit pickers.....	45	45	45	100.00	100.00
85	Furnace tenders.....	8	6	6	75.00	100.00
86	Gas fitters.....	2	1	1	50.00	100.00
87	Gardeners.....	117	116	110	94.02	94.83
88	Gatemmen.....	7	8	7	100.00	87.50
89	Grinders.....	52	52	50	96.15	96.15
90	Handy men.....	2,502	2,481	2,454	98.08	98.71
91	Harness makers.....	4	2	2	50.00	100.00
92	Harvest hands.....	4	4	4	100.00	100.00
93	Hod carriers.....	2				
94	Horseshoers.....	2				
95	Hostlers.....	18	16	16	88.89	100.00
96	Hotel work.....	2	1	1	50.00	100.00
97	Housemen.....	1,621	1,514	1,502	92.66	99.21
98	Ice cutters.....	703	908	703	100.00	77.42
99	Inspectors.....	4	4	4	100.00	100.00
100	Interpreters.....	1				
101	Iron workers.....	40	41	34	85.00	82.93
102	Janitors.....	764	658	651	85.21	98.94
103	Kitchenwork.....	385	347	342	88.83	98.56
104	Laborers.....	18,361	21,367	18,201	99.13	85.18
105	Laborers, railroad.....	14	35	14	100.00	40.00
106	Lathe hands.....	71	53	50	70.44	94.34
107	Laundrymen.....	43	66	41	95.35	64.06
108	Linemen, not stated.....	1				
109	Locksmiths.....	2				
110	Machine hands.....	245	138	136	55.51	98.55
111	Machinists.....	628	573	476	75.80	88.07
112	Masons.....	13	21	12	92.31	57.14
113	Meat cutters and slaughterers.....	2				
114	Mechanics.....	1	1	1	100.00	100.00
115	Metal workers.....	36	32	27	75.00	84.38

Table 15—Concluded.

Number.	OCCUPATION.	APPLICATIONS FOR—		Number of positions secured.	PERCENTAGES OF—	
		Employ- ment.	Help.		Positions secured applicants for employ- ment.	Positions secured applicants for help.
116	Mill work	3	3	3	100.00	100.00
117	Millwrights	10	11	7	70.00	63.64
118	Miners	77	166	76	98.70	45.78
119	Molders	214	355	199	92.99	56.06
120	Molders helpers	1				
121	Nurses	33	30	29	87.89	96.67
122	Office help	9	8	9	88.89	100.00
123	Oilers	28	25	23	82.14	92.00
124	Packers	230	214	212	92.17	99.07
125	Painters	167	122	118	70.66	98.33
126	Paper hangers	31	29	29	93.55	100.00
127	Pantrymen	4	3	8	75.00	100.00
128	Pan washers	57	56	56	98.25	100.00
129	Pattern makers	9	2	2	22.22	100.00
130	Pianists	1	1	1	100.00	100.00
131	Pin setters	41	40	40	97.56	100.00
132	Planers	12	12	9	75.00	75.00
133	Plasterers	12	26	12	100.00	46.15
134	Plumbers	9	11	8	88.89	72.73
135	Polishers, metal	7	6	6	85.71	100.00
136	Polishers, not stated	16	6	6	37.50	100.00
137	Porters	1,592	1,466	1,462	91.80	99.73
138	Pressers	3	1	1	33.33	100.00
139	Pressmen	113	129	105	92.92	81.39
140	Printers	4	1	1	25.00	100.00
141	Punch press hands	52	36	32	61.54	88.89
142	Railroadmen	6	11	6	100.00	54.55
143	Riveters	10	8	8	80.00	100.00
144	Roofers	5	6	5	100.00	83.33
145	Sailors	1				
146	Salesmen	76	62	60	78.95	96.77
147	Sawyers	19	19	16	84.21	84.21
148	Shoemakers	4	3	2	50.00	66.67
149	Solicitors	62	90	62	100.00	68.89
150	Steam fitters	46	33	33	71.74	100.00
151	Stenographers	29	23	23	79.31	100.00
152	Stockmen	916	886	863	94.21	97.40
153	Stone cutters	1				
154	Switchmen	1				
155	Tailors	9	8	7	77.78	87.50
156	Tanners	1				
157	Teamsters	845	800	776	91.83	97.00
158	Teamsters, with teams	2	2	2	100.00	100.00
159	Tenpin setters	36	38	36	100.00	94.74
160	Time keepers	11	3	3	27.27	100.00
161	Tinsmiths	74	70	64	86.49	91.43
162	Tobacco strippers	1	1	1	100.00	100.00
163	Tool makers	14	13	13	92.86	100.00
164	Triphammerers	39	47	35	89.74	74.47
165	Truckmen	1,795	1,843	1,756	97.83	95.28
166	Upholsterers	26	37	25	96.15	67.57
167	Wagon makers	5	6	4	80.00	66.67
168	Waiters	809	750	737	91.10	98.27
169	Warehousemen	244	244	244	100.00	100.00
170	Watchmen	570	548	484	84.91	88.32
171	Whitewashers	6	6	6	100.00	100.00
172	Wholesale men	6				
173	Window washers	670	685	655	97.76	95.62
174	Wood choppers	25	25	25	100.00	100.00
175	Wood finishers	3	1	1	33.33	100.00
176	Wood workers	26	14	12	46.15	85.71
177	Yardmen	192	181	177	92.19	97.79
178	Miscellaneous, not classified	1				

Table 16—Concluded.

FEMALES.

Number.	OCCUPATION.	APPLICATIONS FOR—		Number of positions secured.	PERCENTAGES OF	
		Employment.	Help.		Positions secured applicants for employment.	Positions filled applicants for help.
	Total females.....	14,161	18,594	*13,112	92.59	70.52
1	Addressers.....	11	2	1	9.09	50.00
2	Agents.....	5	7	5	100.00	71.43
3	Apprentices.....		1			
4	Attendants.....	4	4	3	75.00	75.00
5	Any light work.....	1				
6	Bookkeepers.....	16	8	7	43.75	87.50
7	Bottle labelers.....	67	69	58	86.57	84.06
8	Bottle washers.....	49	49	46	93.88	93.88
9	Canvassers.....	4	10	3	75.00	30.00
10	Cashiers.....	72	43	43	59.72	100.00
11	Clerks.....	67	53	30	44.78	56.60
12	Commercial help.....	1	1			
13	Chambermaids.....	1,118	1,361	1,048	93.74	77.00
14	Collectors.....	9	7	6	66.67	85.71
15	Companions.....	5	4	3	60.00	75.00
16	Cooks.....	1,124	1,485	1,020	90.75	68.67
17	Dayworkers.....	1,517	1,332	1,285	84.77	96.47
18	Demonstrators.....	8	19	8	100.00	42.11
19	Dining room help.....	305	373	270	88.52	72.12
20	Dishwashers.....	1,012	1,264	971	95.95	76.82
21	Distributors.....	1	1	11	100.00	100.00
22	Domestics.....	552	1,111	537	97.28	48.38
23	Dressmakers.....	4	1	1	25.00	100.00
24	Factory work.....	779	1,147	674	86.52	58.81
25	Folders, circulars.....	5	5	5	100.00	100.00
26	Fruit pickers.....	12	16	12	100.00	75.00
27	General housework.....	2,114	2,930	2,054	97.16	70.10
28	Governesses.....	2				
29	Hotel help.....	25	29	22	88.00	75.86
30	Housekeepers.....	280	270	168	60.00	62.22
31	Housework.....	876	1,786	876	100.00	49.05
32	Janitresses.....	35	28	26	74.29	92.86
33	Kitchen help.....	1,074	1,286	1,017	94.70	79.08
34	Labelers.....	3	3	3	100.00	100.00
35	Laboratory work.....	7	9	6	85.71	66.67
36	Laundresses.....	479	608	452	94.36	74.34
37	Linen room girls.....	1	1	1	100.00	100.00
38	Matrons.....	1	1	1	100.00	100.00
39	Nurse girls.....	33	25	23	69.70	92.00
40	Nurses.....	165	181	138	83.64	76.24
41	Office work.....	94	69	52	55.33	75.36
42	Pantry work.....	162	229	148	91.36	64.63
43	Packers.....	17	22	17	100.00	77.27
44	Palists.....	2	2	2	100.00	100.00
45	Pianists.....	1	1	1	100.00	100.00
46	Pressers.....	4	5	4	100.00	80.00
47	Saleswomen.....	5	5	5	100.00	100.00
48	Scrubwomen.....	726	904	709	97.66	78.43
49	Seamstresses.....	136	165	106	77.94	64.24
50	Second work.....	288	399	264	91.67	66.17
51	Silver women.....	7	7	6	85.71	85.71
52	Solicitors.....	8	34	7	87.45	20.59
53	Stenographers.....	46	28	21	45.65	75.00
54	Telephone operators.....	6	12	4	66.67	33.33
55	Ticket sellers.....	4	4	4	100.00	100.00
56	Typewriters.....	2				
57	Vegetable women.....	5	5	5	100.00	100.00
58	Waitresses.....	805	1,173	761	94.53	64.88

* Includes 172 applications filed previous year.

LEADING OCCUPATIONS.

Table 17 presents the applications for employment and for help, also the positions secured with percentages in each occupation securing work and help.

In this showing the greater proportion of occupations, heretofore shown in detail, have been eliminated, however, the great majority of the individuals are represented. For males this table shows only 28 of the 174 occupations shown in Table 13, but represents 81.2 per cent of the applications for employment; 81.4 per cent of those applying for help and 81.1 per cent of positions secured and supplied.

For females 19 occupations are shown out of the 57 given in Table 13, these however, represent 90 per cent of those applying for work; 87.8 per cent of those wanting help and 89.2 per cent of positions supplied.

TABLE 17—*Summary of the Leading Occupations, Showing Applications for Employment and Help, with Percentages.*

MALES.

Number.	OCCUPATION.	APPLICATIONS FOR—		Number of positions secured.	PERCENTAGES—	
		Employment.	Help.		Securing work.	Securing help.
	Grand totals.....	49,497	54,791	46,024	93.00	84.00
	Males	36,705	38,468	34,322	93.51	89.22
	Females	12,792	16,323	11,702	91.48	71.69
	Males.....	36,705	38,468	34,322	93.51	89.22
1	Barnmen.....	493	487	479	97.16	98.36
2	Boys, bell, and other occupations.....	1,172	1,213	1,061	90.53	87.47
3	Blacksmiths.....	106	113	81	76.42	71.68
4	Carpenters.....	7 19	806	640	89.01	79.40
5	Clerks, all kinds.....	437	261	256	58.58	98.08
6	Cooks	698	598	573	82.09	95.82
7	Dishwashers and kitchen work.....	1,287	1,225	1,213	94.25	99.02
8	Drivers	188	117	114	60.64	97.44
9	Elevatormen	232	192	190	81.90	98.96
10	Engineers	127	79	75	59.06	94.94
11	Factory hands.....	2,034	1,914	1,811	89.04	94.62
12	Farmers and farm hands.....	1,150	1,178	1,043	90.70	88.54
13	Firemen	362	286	262	72.38	91.61
14	Housemen	1,621	1,514	1,502	92.66	99.21
15	Janitors	764	658	651	85.21	98.94

Table 17—Concluded.

Number.	OCCUPATION.	APPLICATIONS FOR—		Number of positions secured.	PERCENTAGES	
		Employment.	Help.		Securing work.	Securing help.
16	Laborers.....	18,361	21,367	18,201	99.13	85.18
17	Laborers, railroad.....	14	35	14	100.00	40.00
18	Machinists and machine hands.....	873	711	612	70.10	86.08
19	Packers.....	230	214	212	92.17	99.07
20	Painters.....	167	122	118	70.66	98.33
21	Porters.....	1,592	1,466	1,462	91.80	99.73
22	Salesmen.....	76	62	60	78.95	96.77
23	Stockmen.....	916	886	863	94.21	97.40
24	Teamsters.....	845	800	776	91.83	97.00
25	Waiters.....	809	750	737	91.10	98.27
26	Watchmen.....	570	548	484	84.91	88.32
27	Window washers.....	670	685	655	97.76	95.62
28	Yardmen.....	192	181	177	92.19	97.79

FEMALES.

	Females.....	12,792	16,323	11,702	91.48	71.69
1	Chambermaids.....	1,118	1,361	1,048	93.74	77.00
2	Cooks.....	1,124	1,485	1,020	90.75	68.67
3	Daywork.....	1,517	1,332	1,285	84.77	96.47
4	Dining room help.....	305	373	270	88.52	72.12
5	Dishwashers.....	1,012	1,264	971	95.95	76.82
6	Domestics.....	552	1,111	537	97.28	48.33
7	Factory work.....	779	1,147	674	86.52	58.81
8	General housework.....	2,114	2,930	2,054	97.16	70.10
9	Housekeepers.....	280	270	168	60.00	62.22
10	Kitchen help.....	1,074	1,286	1,017	94.70	79.08
11	Laundresses.....	479	608	452	94.36	74.34
12	Nurses.....	165	181	138	83.64	76.24
13	Office work and bookkeepers.....	110	77	59	53.64	76.62
14	Pantry work.....	162	229	148	91.36	64.63
15	Scrub women.....	726	904	709	97.66	78.43
16	Seamstresses.....	136	165	106	77.94	64.24
17	Second work.....	288	399	264	91.67	66.17
18	Stenographers.....	46	28	21	45.65	75.00
19	Waitresses.....	805	1,173	761	94.53	64.88

GROUPING OF OCCUPATIONS.

Table 18 is a grouping of all applications for employment and for help, also for positions secured, with percentages for each in every occupation. This is the same classification as shown in previous tables. The males are shown in nine classes and the females in seven:

TABLE 18—*Classified Occupations of Applicants for Employment, Positions Secured and Applications for Help, in the Four Offices, with Percentages in Each Class.*

Number.	CLASSIFICATION OF OCCUPATIONS.	APPLICATIONS FOR EMPLOYMENT.		POSITIONS SECURED.		APPLICATIONS FOR HELP.	
		Number.	Percent-ages of each class.	Number.	Percent-ages of each class.	Number.	Percent-ages of each class.
	MALES	45,200	.....	*42,305	.....	47,278	.....
	AGRICULTURAL	2,308	100.00	2,138	100.00	2,303	100.00
1	Dairymen	17	0.74	16	0.75	17	0.74
2	Farmers and farm hands	1,150	49.83	1,043	48.78	1,173	51.15
3	Florists and gardeners	176	7.62	167	7.81	173	7.51
4	Fruit pickers	45	1.95	45	2.11	45	1.96
5	Harvest hands	4	0.17	4	0.19	4	0.17
6	Stockmen	916	39.69	863	40.36	886	38.47
	CLERICAL	519	100.00	297	100.00	306	100.00
1	Bookkeepers	38	7.32	13	4.38	13	4.31
2	Cashiers	2	0.39	2	0.67	2	0.66
3	Checkers	2	0.39	.....	.....	.....	.....
4	Clerks, drug	3	0.58	2	0.67	2	0.66
5	Clerks, bill	1	0.19	.....	.....	.....	.....
6	Clerks, grocery	2	0.39	2	0.67	2	0.66
7	Clerks, shipping	31	5.97	28	9.43	28	9.27
8	Clerks, not stated	400	77.07	224	75.42	229	75.83
9	Stenographers	29	5.59	23	7.75	23	7.62
10	Timekeepers	11	2.12	3	1.01	3	0.99
	COMMERCIAL	888	100.00	796	100.00	865	100.00
1	Agents	21	2.37	19	2.39	38	4.39
2	Boys, delivery	154	17.34	143	17.96	144	16.65
3	Boys, elevator	16	1.80	16	2.01	16	1.85
4	Boys, errand	24	2.70	16	2.01	16	1.85
5	Boys, office	66	7.43	41	5.15	41	4.74
6	Canvassers	56	6.31	51	6.41	63	7.28
7	Collectors	24	2.70	7	0.88	7	0.81
8	Distributors	139	15.65	137	17.21	144	16.65
9	Salesmen	76	8.56	60	7.54	62	7.17
10	Solicitors	62	6.98	62	7.79	90	10.40
11	Warehousemen	244	27.48	244	30.65	244	28.21
12	Wholesale men	6	0.68	.....	.....	.....	.....
	DOMESTIC SERVICE	8,106	100.00	5,580	100.00	5,648	100.00
1	Attendants	6	0.10	5	0.09	6	0.11
2	Butlers	18	0.29	17	0.30	17	0.30
3	Carpetlayers	14	0.23	12	0.22	12	0.21
4	Cooks	698	11.43	573	10.27	599	10.61
5	Dishwashers	902	14.77	871	15.61	878	15.54
6	Housemen	1,621	26.56	1,502	26.92	1,514	26.81
7	Kitchen work	385	6.30	342	6.13	347	6.14
8	Pantrymen	4	0.07	3	0.05	3	0.05
9	Panwashers	57	0.93	56	1.00	56	0.96
10	Porters	1,592	26.07	1,462	26.20	1,466	25.96
11	Waiters	809	13.25	737	13.21	750	13.28

*Includes 157 applications filed previous year.

Table 18—Continued.

Number.	CLASSIFICATION OF OCCUPATIONS.	APPLICATIONS FOR EMPLOYMENT.		POSITIONS SECURED.		APPLICATIONS FOR HELP.	
		Number.	Percent ages of each class.	Number.	Percent ages of each class.	Number.	Percent ages of each class.
	MANUAL LABOR.....	18,439	100.00	18,277	100.00	21,464	100.00
1	Coal heavers.....	62	0.34	62	0.34	62	0.29
2	Hod carriers.....	2	0.01				
3	Laborers.....	18,361	99.58	18,201	99.58	21,367	99.55
4	Laborers, railroad.....	14	0.07	14	0.08	35	0.16
	PROFESSIONAL.....	40	100.00	31	100.00	33	100.00
1	Architects.....					1	3.03
2	Draughtsmen.....	7	17.50	2	6.45	2	6.06
3	Nurses.....	33	82.50	29	93.55	30	90.91
	TRADES.....	4,357	100.00	3,390	100.00	4,263	100.00
1	Assemblers.....	35	0.80	28	0.83	34	0.80
2	Bakers.....	54	1.24	33	0.97	35	0.82
3	Barbers.....	7	0.16	7	0.21	9	0.21
4	Bartenders.....	33	0.76	19	0.56	19	0.45
5	Bench hands.....	133	3.05	81	2.39	87	2.04
6	Blacksmiths.....	106	2.43	81	2.39	113	2.65
7	Boilermakers.....	34	0.78	34	1.00	44	1.03
8	Bookbinders.....	1	0.02				
9	Boxmakers.....	24	0.55	24	0.71	26	0.61
10	Brass finishers.....	2	0.05				
11	Bricklayers.....	15	0.34	13	0.38	23	0.54
12	Broom makers.....	1	0.02	1	0.03	2	0.05
13	Butchers.....	24	0.55	16	0.47	17	0.40
14	Cabinet makers.....	60	1.38	54	1.59	67	1.57
15	Calceiminers.....	6	0.14	6	0.18	6	0.14
16	Candy makers.....	4	0.09	4	0.12	4	0.09
17	Carpenters.....	719	16.50	640	18.88	806	18.91
18	Car repairers.....					4	0.09
19	Caulkers.....	19	0.44	19	0.56	32	0.75
20	Cigarmakers.....	1	0.02				
21	Coal miners.....	37	0.85	37	1.09	113	2.65
22	Coopers.....	7	0.16	5	0.15	5	0.12
23	Coremakers.....	4	0.09	3	0.09	5	0.12
24	Detectives.....	1	0.02	1	0.03	1	0.02
25	Die setters.....	10	0.23	10	0.29	10	0.24
26	Drill pressmen.....	146	3.35	77	2.27	77	1.81
27	Electricians.....	85	1.95	64	1.89	85	1.99
28	Engineers.....	127	2.91	75	2.21	79	1.85
29	Firemen.....	362	8.31	262	7.73	286	6.71
30	Harness makers.....	4	0.09	2	0.06	2	0.05
31	Horse shoers.....	2	0.05				
32	Iron Workers.....	40	0.92	34	1.00	41	0.96
33	Lathe hands.....	71	1.63	50	1.47	53	1.24
34	Laundrymen.....	43	0.99	41	1.21	66	1.55
35	Locksmiths.....	2	0.05				
36	Machine hands.....	245	5.62	136	4.01	188	3.24
37	Machinists.....	628	14.41	476	14.04	573	13.44
38	Masons.....	13	0.30	12	0.35	21	0.49
39	Meat cutters and slaughter's	2	0.05				
40	Mechanics.....	1	0.02	1	0.03	1	0.02
41	Metal workers.....	36	0.83	27	0.80	32	0.75
42	Millwork.....	3	0.07	3	0.09	3	0.07
43	Millwrights.....	10	0.23	7	0.21	11	0.26
44	Miners.....	77	1.77	76	2.24	166	3.89
45	Molders.....	214	4.91	199	5.87	355	8.33
46	Packers.....	230	5.28	212	6.25	214	5.02
47	Painters.....	167	3.83	118	3.48	120	2.82
48	Paper hangers.....	31	0.71	29	0.85	29	0.68
49	Pattern makers.....	9	0.21	2	0.06	2	0.05
50	Pianist.....	1	0.02	1	0.03	1	0.02
51	Planers.....	12	0.28	9	0.27	12	0.28
52	Plasterers.....	12	0.28	12	0.35	26	0.61

Table 18—Continued.

Number.	CLASSIFICATION OF OCCUPATIONS.	APPLICATIONS FOR EMPLOYMENT.		POSITIONS SECURED.		APPLICATIONS FOR HELP.	
		Number.	Percent-ages of each class.	Number.	Percent-ages of each class.	Number.	Percent-ages of each class.
	TRADES— <i>Concluded.</i>						
53	Plumbers	9	0.21	8	0.24	11	0.26
54	Polishers, metal.....	7	0.16	6	0.18	6	0.14
55	Polishers, not stated	16	0.37	6	0.18	6	0.14
56	Pressers.....	3	0.07	1	0.03	1	0.02
57	Pressmen	113	2.59	105	3.10	129	3.03
58	Printers	4	0.09	1	0.03	1	0.02
59	Punch press hands.....	52	1.19	32	0.94	36	0.84
60	Riveters.....	10	0.23	8	0.24	8	0.19
61	Roofers.....	5	0.11	5	0.15	6	0.14
62	Sawyers.....	19	0.44	16	0.47	19	0.45
63	Shoemakers.....	4	0.09	2	0.06	3	0.07
64	Steam fitters.....	46	1.06	33	0.97	33	0.77
65	Stone cutters	1	0.02				
66	Tailors	9	0.21	7	0.21	8	0.19
67	Tanners	1	0.02				
68	Tinsmiths.....	74	1.70	64	1.89	70	1.64
69	Tool makers.....	14	0.32	13	0.38	13	0.31
70	Upholsterers.....	26	0.60	25	0.74	37	0.87
71	Wagon makers.....	5	0.11	4	0.12	6	0.14
72	Wood finishers.....	3	0.07	1	0.03	1	0.02
73	Wood workers	26	0.60	12	0.35	14	0.33
	TRANSPORTATION	3,648	100.00	3,383	100.00	3,513	100.00
1	Barnmen	493	13.51	479	14.16	487	13.86
2	Brakemen.....	3	0.08				
3	Chauffeurs.....	5	0.14				
4	Coachmen.....	59	1.62	44	1.30	45	1.28
5	Drivers.....	188	5.15	114	3.37	117	3.33
6	Elevatormen.....	232	6.36	190	5.62	192	5.47
7	Hostlers.....	18	0.49	16	0.47	16	0.46
8	Railroadmen	6	0.17	6	0.18	11	0.31
9	Sailors	1	0.03				
10	Switchmen.....	1	0.03				
11	Teamsters.....	845	23.16	776	22.94	800	22.77
12	Teamsters with teams.....	2	0.05	2	0.06	2	0.06
13	Truckmen	1,795	49.21	1,756	51.90	1,843	52.46
	MISCELLANEOUS.....	8,895	100.00	8,256	100.00	8,887	100.00
1	Any light work	7	0.08				
2	Apprentices.....	63	0.71	32	0.39	32	0.36
3	Blacksmiths' helpers.....	5	0.06	3	0.04	7	0.08
4	Bootblacks.....	5	0.06	5	0.06	5	0.06
5	Bottle washers.....	1	0.01	1	0.01	1	0.01
6	Boys.....	877	9.86	816	9.88	967	10.88
7	Boys, bell.....	35	0.39	29	0.35	29	0.33
8	Canvassmen.....	7	0.08	7	0.09	7	0.08
9	Carriage and wagon washers.....	77	0.87	74	0.90	78	0.88
10	Chicken pickers.....	1	0.01	1	0.01	1	0.01
11	Chippers.....	70	0.79	69	0.84	69	0.78
12	Cleaners, harness.....	1	0.01	1	0.01	1	0.01
13	Cupola tenders.....	1	0.01	1	0.01	1	0.01
14	Drop hammerers.....	35	0.39	33	0.40	44	0.49
15	Factory hands	2,034	22.87	1,841	21.94	1,914	21.54
16	Filers	1	0.01	1	0.01	1	0.01
17	Foremen	5	0.06	1	0.01	2	0.02
18	Foundrymen.....	5	0.06	4	0.05	5	0.06
19	Furnace tenders	8	0.09	6	0.07	6	0.07
20	Gas fitters.....	2	0.02	1	0.01	1	0.01
21	Gatemen.....	7	0.08	7	0.09	8	0.09
22	Grinders.....	52	0.58	50	0.61	52	0.58

Table 18—Continued.

Number.	CLASSIFICATION OF OCCUPATIONS.	APPLICATIONS FOR EMPLOYMENT.		POSITIONS SECURED.		APPLICATIONS FOR HELP.	
		Number.	Percent-ages of each class.	Number.	Percent-ages of each class.	Number.	Percent-ages of each class.
	MISCELLANEOUS— <i>Concluded.</i>						
23	Handymen	2,502	28.13	2,454	29.72	2,481	27.92
24	Hotel work	2	0.02	1	0.01	1	0.01
25	Ice cutters	703	7.90	703	8.52	908	10.22
26	Inspectors	4	0.05	4	0.05	4	0.04
27	Interpreters	1	0.10				
28	Janitors	764	8.59	651	7.89	658	7.40
29	Linemen, not stated	1	0.01				
30	Molders, helpers	1	0.01				
31	Office help	9	0.10	8	0.10	8	0.09
32	Oilers	28	0.31	23	0.28	25	0.28
33	Pin setters	41	0.46	40	0.48	40	0.45
34	Tenpin setters	36	0.40	36	0.44	38	0.43
35	Tobacco strippers	1	0.01	1	0.01	1	0.01
36	Trip hammerers	39	0.44	35	0.42	47	0.53
37	Watchmen	570	6.41	484	5.86	548	6.17
38	Whitewashers	6	0.07	6	0.07	6	0.07
39	Window washers	670	7.53	655	7.93	685	7.71
40	Wood choppers	25	0.28	25	0.30	25	0.28
41	Yardmen	192	2.16	177	2.14	181	2.04
42	Miscellaneous, not classified	1	0.01				

FEMALES.

FEMALES		14,161		*13,112		18,594	
	CLERICAL	156	100.00	80	100.00	105	100.00
1	Bookkeepers	16	10.26	7	8.75	8	7.62
2	Office work	94	60.26	52	65.00	69	65.71
3	Stenographers	46	29.48	21	26.25	28	26.67
	COMMERCIAL	253	100.00	162	100.00	244	100.00
1	Addressers	11	4.35	1	0.62	2	0.82
2	Bottle labelers	67	26.48	58	35.80	69	28.28
3	Canvassers	4	1.59	3	1.85	10	4.10
4	Cashiers	72	28.46	43	26.54	43	17.62
5	Clerks	67	26.68	30	18.52	53	21.72
6	Commercial help	1	0.39			1	0.41
7	Collectors	9	3.56	6	3.70	7	2.87
8	Demonstrators	8	3.16	8	4.94	19	7.79
9	Distributors	1	0.39	1	0.62	1	0.41
10	Saleswomen	5	1.98	5	3.09	5	2.05
11	Solicitors	8	3.16	7	4.32	34	13.93
	DOMESTIC SERVICE	12,498	100.00	11,632	100.00	16,573	100.00
1	Chambermaids	1,118	8.95	1,048	9.01	1,361	8.21
2	Cooks	1,124	8.99	1,020	8.77	1,485	8.96
3	Dayworkers	1,517	12.14	1,285	11.05	1,332	8.04
4	Diningroom help	305	2.44	270	2.32	373	2.25
5	Dishwashers	1,012	8.10	971	8.35	1,264	7.63
6	Domestics	552	4.42	537	4.62	1,111	6.70
7	General housework	2,114	16.91	2,054	17.66	2,930	17.68
8	Hotel help	25	0.20	22	0.19	29	0.17
9	Housekeepers	280	2.24	168	1.45	270	1.63
10	House work	876	7.01	876	7.53	1,786	10.78
11	Kitchen help	1,074	8.59	1,017	8.69	1,286	7.76
12	Laundresses	479	3.83	452	3.89	608	3.67

*Includes 172 applications filed previous year.

Table 18—Concluded.

Number.	CLASSIFICATION OF OCCUPATIONS.	APPLICATIONS FOR EMPLOYMENT.		POSITIONS SECURED.		APPLICATIONS FOR HELP.	
		Number.	Percent-ages of each class.	Number.	Percent-ages of each class.	Number.	Percent-ages of each class.
	DOMESTIC SERVICE— <i>Concluded.</i>						
13	Linenroom girls.	1	0.01	1	0.01	1	0.01
14	Nurse girls.	33	0.26	23	0.20	25	0.15
15	Pantry work.	162	1.30	148	1.28	329	1.38
16	Scrubwomen.	726	5.81	709	6.10	904	5.45
17	Second work.	288	2.30	264	2.27	299	2.41
18	Silver women.	7	0.06	6	0.05	7	0.04
19	Waitresses.	805	6.44	761	6.55	1,173	7.08
	PERSONAL SERVICE.	6	100.00	4	100.00	5	100.00
1	Companions.	5	83.33	3	75.00	4	80.00
2	Matrons.	1	16.67	1	25.00	1	20.00
	PROFESSIONAL.	168	100.00	139	100.00	182	100.00
1	Governesses.	2	1.19				
2	Nurses.	165	98.21	138	99.28	181	99.45
3	Pianists.	1	0.60	1	0.72	1	0.55
	TRADES.	157	100.00	124	100.00	188	100.00
1	Dressmakers.	4	2.55	1	0.81	1	0.53
2	Packers.	17	10.83	17	13.71	22	11.70
3	Seamstresses.	136	86.62	106	85.48	165	87.77
	MISCELLANEOUS.	923	100.00	799	100.00	1,297	100.00
1	Agents.	5	0.54	5	0.63	7	0.54
2	Apprentices.					1	0.08
3	Attendants.	4	0.43	3	0.38	4	0.31
4	Any light work.	1	0.11				
5	Bottle washers.	49	5.31	46	5.76	49	3.78
6	Factory work.	779	84.40	674	84.35	1,147	88.43
7	Folders, circular.	5	0.54	5	0.63	5	0.39
8	Fruit pickers.	12	1.30	12	1.50	16	1.23
9	Janitresses.	35	3.79	26	3.25	28	2.16
10	Labelers.	3	0.33	3	0.38	3	0.23
11	Laboratory work.	7	0.76	6	0.74	9	0.69
12	Palmists.	2	0.22	2	0.25	2	0.15
13	Pressers.	4	0.43	4	0.50	5	0.39
14	Telephone operators.	6	0.65	4	0.50	12	0.92
15	Ticket sellers.	4	0.43	4	0.50	6	0.31
16	Typewriters.	2	0.22				
17	Vegetable women.	5	0.54	5	0.63	5	0.39

RECAPITULATION OF GROUPING.

Table 19 brings together the totals of the several groups of occupations of both sexes, and shows the per cent that each bears to the total under each stipulation. For males 40.79 per cent of the applicants for employment was for manual labor; this class also comprises 44.20 per cent of the positions secured and 45.38 per cent of the demand for this class of help. For females 88.26 per cent applied for employment in some kind of domestic service; 88.81 per cent was given positions for this class of work, supplying 89.13 per cent of the demand.

TABLE 19—*Classified Occupations (Males and Females), with Percentages.*

Number.	SEX AND CLASSIFICATION OF OCCUPATION.	Number of occupations in each class.	APPLICATIONS FOR EMPLOYMENT.		POSITIONS SECURED.		APPLICATIONS FOR HELP.	
			Number.	Percent-ages.	Number.	Percent-ages.	Number.	Percent-ages.
	MALES		45,200	100.00	42,305	100.00	47,278	100.00
	Not classified.....				157			
	Total				42,148			
1	Agricultural.....	6	2,308	5.11	2,138	5.05	2,303	4.87
2	Clerical.....	10	519	1.15	297	.80	302	.64
3	Commercial.....	12	888	1.96	796	1.17	865	1.84
4	Domestic service.....	11	6,106	13.51	5,580	13.20	5,648	11.95
5	Manual labor.....	4	18,439	40.79	18,277	44.20	21,464	45.38
6	Professional.....	3	40	.09	31	.07	33	.07
7	Trades.....	73	4,357	9.64	3,390	8.01	4,263	9.02
8	Transportation.....	13	3,648	8.07	3,383	7.99	3,513	7.43
9	Miscellaneous.....	28	8,895	16.68	8,256	19.51	8,887	18.80
	FEMALES		14,161	100.00	13,112	100.00	18,594	100.00
	Not classified.....				172			
	Total				12,940			
1	Clerical.....	3	156	1.10	80	.71	105	.56
2	Commercial.....	11	253	1.78	162	2.34	244	1.31
3	Domestic service.....	19	12,498	88.26	11,632	88.81	16,573	89.13
4	Personal service.....	2	6	.04	4	.03	5	.03
5	Professional.....	3	168	1.18	139	1.06	182	.98
6	Trades.....	3	157	1.12	124	.97	188	1.01
7	Miscellaneous.....	17	923	6.52	799	6.08	1,297	6.98

PERCENTAGES OF POSITIONS SECURED.

Table 20 shows the percentages of the positions secured to the applicants for employment, and for the help furnished to the employers. These percentages are derived from Table 19; the miscellaneous class of both sexes has been omitted. The highest percentages of positions secured for males was reached for manual labor, the lowest for clerical service. For the same help furnished to employers was 98.80 per cent in domestic service as the highest, the lowest being 79.52 per cent in trades.

For females the positions secured applicants for employment in domestic service was 93.07 per cent, the highest, and in clerical service 51.28 per cent, the lowest.

Considering the totals in the industries named in the table, it is found that 92.92 per cent of all applicants for employment were secured positions and 82.66 per cent of all employers were provided with help.

TABLE 20—*Percentages of Positions Secured to Employés and Employer.*

OCCUPATION.	MALES.		FEMALES.	
	PERCENTAGES—POSITIONS SECURED FOR—		PERCENTAGES—POSITIONS SECURED FOR—	
	Employé.	Employer.	Employé.	Employer.
All occupations	93.35	88.28	91.71	70.19
Agricultural	92.63	92.84	.....	.....
Clerical	57.23	98.34	51.28	76.19
Commercial	89.64	92.02	64.03	66.39
Domestic service	91.39	98.80	93.07	70.19
Manual labor	99.12	85.15	.....	.....
Personal service.....	.....	.....	66.67	80.00
Professional	77.50	93.93	82.74	76.37
Trades	77.81	79.52	78.98	65.96
Transportation	92.74	96.30	.....	.....

AGE PERIODS OF APPLICANTS FOR EMPLOYMENT.

Table 21 presents the age periods of applicants for employment during the year. The grouping of occupations under the several industries is the same as given in previous tables.

TABLE 21—*Age Periods by Sexes of Applicants for Employment in Classified Occupations.*

MALES.							
Number.	CLASSIFICATION OF OCCUPATIONS.	Under 20 yrs.	20, but under 30 yrs.	30, but under 40 yrs.	40, but under 50 yrs.	50, but under 60 yrs.	60 yrs. and over. Not reported.
	Total males—45,200.....	4,924	19,056	11,786	6,065	2,072	261 1,036
	North Side Office.....	544	3,333	1,659	890	239	34 4
	South Side Office.....	2,328	4,450	4,339	2,836	1,115	58
	West Side Office.....	1,086	6,177	4,393	1,759	568	168 509
	Peoria Office.....	966	5,096	1,395	580	150	1 523
	AGRICULTURAL.....	235	1,008	596	293	106	19 51
1	Dairymen.....	2	10	3	1		
2	Farmers and farm hands.....	167	592	259	75	13	
3	Florists and gardeners.....	16	75	39	24	20	
4	Fruit pickers.....	18	27				
5	Harvest hands.....	1	2	1			
6	Stockmen.....	31	302	294	193	73	19 4
	CLERICAL.....	91	232	92	34	9	3 58
1	Bookkeepers.....	4	15	4	3	1	
2	Cashiers.....					2	
3	Checkers.....	1	1				
4	Clerks, drug.....	1	2				
5	Clerks, bill.....	1					
6	Clerks, grocery.....	2					
7	Clerks, shipping.....	8	13	7	2		1
8	Clerks, not stated.....	62	184	75	27	6	2 44
9	Stenographers.....	9	11	4	2		
10	Time keepers.....	3	6	2			
	COMMERCIAL.....	316	193	125	91	29	44 90
1	Agents.....	2	8	7	1		
2	Boys, delivery.....	142	3				
3	Boys, elevator.....	10	6				
4	Boys, errand.....	24					
5	Boys, office.....	56	9				
6	Canvassers.....	2	29	20	4	1	
7	Collectors.....	3	4	3	2		
8	Distributors.....	40	67	13	14	5	
9	Salesmen.....	14	27	16	8	7	
10	Solicitors.....	6	11	31	5		
11	Warehousemen.....	16	24	35	57	16	44 52
12	Wholesalers.....	1	5				
	DOMESTIC SERVICE.....	754	2,102	1,498	1,082	477	34 159
1	Attendants.....	2	2	2			
2	Butlers.....	1	10	2	4		
3	Carpet layers.....		4	7	3		
4	Cooks.....	36	276	230	70	17	
5	Dishwashers.....	166	292	156	187	86	1 69
6	Housemen.....	115	556	410	365	145	14 16
7	Kitchen work.....	43	96	86	101	56	2 1
8	Pantrymen.....		3	1			
9	Pan washers.....	12	11	7	22	1	
10	Porters.....	153	504	449	255	172	17 42
11	Waiters.....	226	348	148	75		

Table 21—Continued.

Number.	CLASSIFICATION OF OCCUPATIONS.	Under 20 yrs.	20, but under 30 yrs.	30, but under 40 yrs.	40, but under 50 yrs.	50, but under 60 yrs.	60 yrs. and over.	Not reported.
	MANUAL LABOR	1, 185	8, 614	5, 420	2, 227	655	45	293
1	Coal heavers.....		27	26	6			3
2	Hod carriers.....							2
3	Laborers.....	1, 185	8, 593	5, 385	2, 220	655	45	288
4	Laborers, railroad.....		4	9	1			
	PROFESSIONAL.....		15	17	7	1		10
1	Draughtsmen.....		6	1				9
2	Nurses.....		9	16	7	1		1
	TRADES	287	1, 904	1, 156	657	147	21	154
1	Assemblers.....	6	25	3	1			
2	Bakers.....	3	27	9	3			12
3	Barbers.....	1	4	3				
4	Bartenders.....	1	17	6	4			5
5	Bench hands.....	18	92	10	6	3		4
6	Blacksmiths.....	3	54	4	7	1		15
7	Boilermakers.....		21	10	3			
8	Bookbinders.....		1					
9	Boxmakers.....	7	10	5	2			
10	Brass finishers.....		1	1				
11	Bricklayers.....		4	6	3	2		
12	Broom makers.....	1	1					
13	Butchers.....	1	8	6	3	1		5
14	Cabinet makers.....	1	30	19	7	3		
15	Calcininers.....	1	3	2				
16	Candy makers.....		2	1	1			
17	Carpenters.....	1	220	213	169	67	18	23
18	Car repairers.....							
19	Caulkers.....		6	9	4			
20	Cigar makers.....		1					
21	Coal miners.....		26	13	2			
22	Coopers.....		2	1	1	2		1
23	Core makers.....		4					
24	Detective.....				1			
25	Die setters.....		6	4				
26	Drill pressmen.....	53	79	8	3	3		
27	Electricians.....	7	38	26	12			2
28	Engineers.....		30	47	31	9	1	9
29	Firemen.....	12	176	103	57	5		9
30	Harness makers.....		1	3				
31	Horseshoers.....			1	1			
32	Iron workers.....	2	18	17	3			
33	Lathe hands.....	10	53	5	2			1
34	Laundrymen.....	3	12	17	7	2	2	
35	Locksmiths.....		1					
36	Machine hands.....	54	120	32	36		2	1
37	Machinists.....	21	245	200	107	33		22
38	Masons.....		4	7	1			1
39	Meat cutters and slaughterers.....		2					
40	Mechanics.....		1					
41	Metal workers.....		15	9	8	4		
42	Mill work.....			3				
43	Millwrights.....		3	4	3			
44	Miners.....		26	35	16			
45	Molders.....	1	104	75	33			1
46	Packers.....	36	122	53	17			2
47	Painters.....	8	62	56	17	1	1	22
48	Paper hangers.....	1	8	15	3			3
49	Pattern makers.....		2	2	3	1		1
50	Pianist.....			1				
51	Planers.....		9	2	1			
52	Plasterers.....			5	5			
53	Plumbers.....		1	7	2			1
54	Polishers, metal.....		3	3	1			
55	Polishers, not stated.....	5	9	1	1			
56	Pressers.....		2	1				
57	Pressmen.....	7	74	21	10			1

Table 21—Continued.

Number	CLASSIFICATION OF OCCUPATIONS.	Under 20 yrs.	20, but under 30 yrs.	30, but under 40 yrs.	40 but under 50 yrs.	50, but under 60 yrs.	60 yrs. and over.	Not re- ported.
58	Printers	2	1	1				
59	Punch press hands	17	32	2				1
60	Riveters		4	1	5			
61	Roofers		2	2	1			
62	Sawyers	1	7	8	3			
63	Shoe makers	1	2			1		
64	Steam fitters		12	16	12	1	1	4
65	Stone cutters						1	
66	Tailors		3	5	1			
67	Tanners				1			
68	Tinsmiths	1	27	15	25	3	1	2
69	Toolmakers	1	3	7	3			
70	Upholsterers	1	11	7	2	1		4
71	Wagon makers				3			1
72	Wood finishers		1	1	1			
73	Wood workers		14	5	3	3		1
	TRANSPORTATION	246	1,715	1,078	448	98	5	58
1	Barnmen	30	257	116	67	14	3	6
2	Brakemen		3					
3	Chauffeurs		4					
4	Coachmen		2	19	12	2		6
5	Drivers	34	117	20	13	3	1	
6	Elevatormen	42	79	62	34	14		1
7	Hostlers		10	7				1
8	Railroad men				5		1	
9	Sailors				1			
10	Switchmen				1			
11	Teamsters	52	364	306	75	14		34
12	Teamsters with teams				2			
13	Truckmen	86	863	547	238	51		10
	MISCELLANEOUS	1,810	3,273	1,804	1,226	550	90	163
1	Any light work		3	1	1	1	1	
2	Apprentices	33	21	5	2			2
3	Blacksmiths helpers	1	1	2	1			
4	Bootblacks	5						
5	Bottle washers	1						
6	Boys	850	27					
7	Boys, bell	35						
8	Canvassmen	1	6					
9	Carriage and wagon washers	2	31	26	13	4		1
10	Chicken pickers			1				
11	Chippers	1	5	30	10	20	4	
12	Cleaners, harness			1				
13	Cupola tenders					1		
14	Drop hammerers	2	27	5	1			
15	Factory hands	537	897	276	175	114	3	32
16	Filers				1			
17	Foremen		1	2	2			
18	Foundry men							5
19	Furnace tenders		2	2	2		1	1
20	Gas fitters				2			
21	Gate-men		2	3	2			
22	Grinders		4	12	29		3	4
23	Handymen	171	1,301	391	326	209	51	53
24	Hotel work					2		
25	Ice cutters	4	219	334	121	15	5	5
26	Inspectors		1		3			
27	Interpreters				1			
28	Janitors	20	192	240	182	84	11	35
29	Linemen, not stated		1					
30	Molders helpers		1					
31	Office help	1	5	2	1			
32	Oilers	1	18	5	4			
33	Pin setters	16	17	8				
34	Tenpin setters	34	2					
35	Tobacco strippers		1					
36	Trip hammerers	1	31	7				

Table 21—Continued.

Number.	CLASSIFICATION OF OCCUPATIONS.	Under 20 yrs	20, but under 30 yrs.	30, but under 40 yrs.	40, but under 50 yrs.	50, but under 60 yrs.	60 yrs. and over.	Not re- ported.
37	Watchmen.....	3	45	183	247	88	10	15
38	White washers.....		4	2				
39	Window washers.....	49	336	203	75	3	1	3
40	Wood choppers.....			20	1			4
41	Yardmen.....	42	72	43	24	9		2
42	Miscellaneous not clasified.....							1

FEMALES.

	Total females—14, 161.....	2, 105	4, 932	4, 016	1, 942	500	12	654
	North Side Office.....	458	1, 130	1, 087	867	375	11	132
	South Side Office.....	595	1, 382	1, 180	381	89	1	
	West Side Office.....	676	1, 345	1, 103	584	17		184
	Peoria Office.....	376	1, 075	646	110	19		338
	CLERICAL.....	57	43	9				47
1	Bookkeepers.....	1	6	3				6
2	Office work.....	42	24	5				23
3	Stenographers.....	14	13	1				18
	COMMERCIAL.....	94	88	13	3	1		54
1	Addressers.....	3	6					2
2	Bottle labelers.....	51	14	2				
3	Canvassers.....		2	1				1
4	Cashiers.....	30	29					13
5	Clerks.....	8	23	2				34
6	Commercial help.....			1				
7	Collectors.....		2	4				3
8	Demonstrators.....		4	2	1	1		
9	Distributors.....		1					
10	Sales women.....	2	3					
11	Solicitors.....		4	1	2			1
	DOMESTIC SERVICE.....	1, 244	4, 509	3, 844	1, 906	488	11	497
1	Chambermaids.....	114	561	302	90	19	2	30
2	Cooks.....	23	241	474	276	52	1	57
3	Day workers.....	13	203	669	391	144	1	96
4	Dining room help.....	75	215	11	2	1	1	1
5	Dishwashers.....	66	259	448	176	32		31
6	Domestics.....	64	281	92	73	9		33
7	General housework.....	299	1, 115	348	204	68	6	74
8	Hotel help.....	1	18	4	1			1
9	House keepers.....	1	22	131	75	7		44
10	House work.....	166	309	251	97	53		
11	Kitchen help.....	83	269	450	197	39		36
12	Laundresses.....	9	106	158	164	25		17
13	Linen room girls.....			1				
14	Nurse girls.....	21	2					10
15	Pantry work.....	20	78	52	9			3
16	Scrubwomen.....	16	175	336	138	38		23
17	Secondwork.....	80	149	43	5	1		10
18	Silver women.....		4	2				1
19	Waitresses.....	193	502	72	8			30
	PERSONAL SERVICE.....		1	3		1		1
1	Companions.....		1	3				1
2	Matrons.....					1		
	PROFESSIONAL.....	84	37	18	14	3	1	11
1	Governesses.....				1			1
2	Nurses.....	84	37	17	13	3	1	10
3	Pianists.....			1				

Table 21—Concluded.

Number.	CLASSIFICATION OF OCCUPATIONS.	Under 20 yrs.	20, but under 30 yrs.	30, but under 40 yrs.	40, but under 50 yrs.	50, but under 60 yrs.	60 yrs. and over.	Not re- ported.
	TRADES.....	36	55	45	3	4		14
1	Dressmakers.....		1					3
2	Packers.....	6	7	4				
3	Seamstresses.....	30	47	41	3	4		11
	MISCELLANEOUS.....	590	199	84	16	3		31
1	Agents.....		5					
2	Apprentices.....							
3	Attendants.....	1	1	1		1		
4	Any light work.....		1					
5	Bottle washers.....	4	14	15	10	1		5
6	Factory work.....	569	140	42	4	1		23
7	Folders, circulars.....	2	3					
8	Fruit pickers.....		6	6				
9	Janitresses.....	7	14	12				2
10	Labelers.....	2	1					
11	Laboratory work.....		3	3	1			
12	Palmists.....		2					
13	Pressers.....		2	2				
14	Telephone operators.....	1	4					1
15	Ticket sellers.....	2	2					
16	Typewriters.....	2						
17	Vegetable women.....		1	3	1			

Table 22 shows the ages of both sexes of applicants for employment grouped in ten year periods and under the classified occupations.

The first line of the table shows the percentages of both sexes, the second line for males and the third line for females. Of the males 4,924 or 11.15 per cent were under 20 years of age; 30,842 or 69.84 per cent were between the ages of 20 and 40 years; 8,137 or 18.42 per cent from 40 to 60 years, and 261 or six tenths of 1 per cent over 60 years. Of the females 2,105 or 15.58 per cent were under 20 years of age; 8,948 or 66.24 per cent between the ages of 20 and 40 years; 2,442 or 18.09 per cent between 40 and 60 years, and nine tenths of 1 per cent over 60 years.

TABLE 22—*Summary of Age Periods of Applicants, by Classified Occupations.*

SEX AND CLASSIFICATION OF INDUSTRIES.	Number of occupations in each class.	Totals.	Under 20 years.	20, but under 30 years.	30, but under 40 years.	40, but under 50 years.	50, but under 60 years.	60 years and over.	Not reported.
Percentages of both sexes	.....	.....	12.19	41.60	27.40	13.88	4.46	0.47	.....
Percentage of males	.....	.....	11.15	43.15	26.69	13.73	4.69	0.59	.....
Percentage of females	.....	.....	15.58	36.51	29.73	14.39	3.70	0.09	.....
Both sexes	231	59,361	7,029	23,988	15,802	8,007	2,572	273	1,690
MALES	173	45,200	4,924	19,056	11,786	6,065	2,072	261	1,036
Agriculture	6	2,308	235	1,008	596	293	106	19	51
Clerical	10	519	91	232	92	34	9	3	58
Commercial	12	888	316	193	125	91	29	44	90
Domestic service	11	6,106	754	2,102	1,498	1,082	477	34	159
Manuel labor	4	18,439	1,185	8,614	5,420	2,227	655	45	293
Professional	2	50	.....	15	17	7	1	.....	10
Trades	73	4,328	287	1,904	1,156	657	147	21	154
Transportation	13	3,648	246	1,715	1,078	448	98	5	58
Miscellaneous	42	8,915	1,810	3,273	1,804	1,226	550	90	163
FEMALES	58	14,161	2,105	4,932	4,016	1,942	500	12	654
Clerical	3	156	57	43	9	.....	.....	.....	47
Commercial	11	253	94	88	13	3	1	.....	54
Domestic service	19	12,499	1,244	4,509	3,844	1,906	488	11	497
Personal service	2	5	.....	1	3	.....	1	.....	.....
Professional	3	168	84	37	18	14	3	1	11
Trades	3	157	36	55	45	3	4	.....	14
Miscellaneous	17	923	590	199	84	16	3	.....	31

CONJUGAL RELATIONSHIP, ETC.

Table 23 presents by industries and occupations the conjugal conditions of all applicants for employment. The table also shows the number of trade union members registering for employment; the number reporting losing time and the average days of idleness, and the number willing to accept positions outside of the cities wherein these offices are located.

TABLE 23—*Conjugal Conditions, Members of Trades Unions, Days Idle, and Number Willing to Accept Work Out of City.*

Number.	SEX AND CLASSIFICATION OF INDUSTRIES AND OCCUPATIONS.	CONJUGAL CONDITIONS.			Number of members of trades unions.	IDLENESS		Number willing to work out of city.
		Number mar- ried.	Number single.	Number of de- pendent chil- dren.		Number losing time.	Average days idle.	
	MALES 45,200	13,124	32,076	10,475	1,903	35,548	6	13,560
	North Side Office.....	1,635	5,068	1,965	308	6,358	6	747
	South Side Office.....	3,511	11,615	4,317	1,077	14,722	3	5,925
	West Side Office.....	3,990	10,670	3,020	455	14,468	12	5,668
	Peoria Office.....	3,988	4,723	1,173	63			1,220
	AGRICULTURAL.....	318	1,990	379	7	1,856	7	1,472
1	Dairymen.....	5	12	5		3	3	10
2	Farmers and farm hands.....	126	1,024	162	2	817	5	1,124
3	Florists and gardeners.....	33	143	41		120	6	79
4	Fruit pickers.....	2	43					10
5	Harvest hands.....		4					4
6	Stockmen.....	152	764	171	5	916	10	245
	CLERICAL.....	105	414	111	37	368	13	145
1	Bookkeepers.....	13	25	20		27	25	11
2	Cashiers.....	2		1				
3	Checkers.....	1	1	2		2	12	2
4	Clerks, drug.....		3					1
5	Clerks, bill.....		1			1	6	
6	Clerks, grocery.....		2			2	8	
7	Clerks, shipping.....	7	24	5	7	31	6	5
8	Clerks, not stated.....	79	321	80	30	284	13	116
9	Stenographers.....	2	27	3		13	8	2
10	Timekeepers.....	1	10			8	8	8
	COMMERCIAL.....	233	655	186	38	557	6	133
1	Agents.....	17	4	5				9
2	Boys, delivery.....	2	152			2	6	
3	Boys, elevator.....		16					
4	Boys, errand.....		24			23	3	5
5	Boys, office.....		66			54	14	8
6	Canvassers.....	16	40	15		54	7	
7	Collectors.....	13	11	28		4	43	1
8	Distributors.....	24	115	15		82	7	37
9	Salesmen.....	25	51	36		70	8	36
10	Solicitors.....	20	42	16	1	18	7	5
11	Warehousemen.....	115	129	69	36	244	3	30
12	Wholesale men.....	1	5	2	1	6	10	

Table 23—Continued.

Number.	SEX AND CLASSIFICATION OF INDUSTRIES AND OCCUPATIONS.	CONJUGAL CONDITIONS			Number of members of trades unions.	IDLENESS.		Number willing to work out of city.
		Number mar- ried.	Number single.	Number of de- pendent chil- dren.		Number losing time.	Average days idle.	
	DOMESTIC SERVICE	1, 116	4, 990	859	175	4, 708	8	1, 496
1	Attendants	2	4					
2	Butlers	2	16			15	5	
3	Carpet layers	5	9	6		14	6	
4	Cooks	228	470	142	41	54	8	175
5	Dishwashers	151	751	101	41	674	7	220
6	Housemen	211	1, 410	96	1	1, 510	4	397
7	Kitchenwork	92	293	73		373	4	102
8	Pantrymen		4			2	6	1
9	Panwashers	21	36					
10	Porters	210	1, 382	153	8	1, 336	16	393
11	Waiters	194	615	288	84	730	5	228
	MANUAL LABOR	6, 640	11, 799	4, 434	405	14, 592	6	6, 550
1	Coal heavers	6	56	4		62	6	28
2	Hod carriers	2		12	2			
3	Laborers	6, 629	11, 732	4, 416	403	14, 530	6	6, 522
4	Laborers, railroad	3	11	2				
	PROFESSIONAL	15	25	13	1	33	7	15
1	Draughtsmen	3	4		1	4	11	
2	Nurses	12	21	13		29	7	15
	TRADES	1, 389	2, 968	1, 668	665	3, 653	10	1, 343
1	Assemblers	9	26	6	1	28	15	1
2	Bakers	31	23	3	9	19	14	14
3	Barbers	3	4	2		6	3	3
4	Bartenders	7	26	4	1	20	10	10
5	Bench hands	28	105	41	5	133	14	41
6	Blacksmiths	40	66	43	11	83	10	33
7	Boilermakers	10	24	14	1	34	4	12
8	Bookbinders		1			1	7	
9	Boxmakers	5	19	7		24	5	7
10	Brass finishers		2			2	14	2
11	Bricklayers	4	11	8	3	15	7	4
12	Broom makers	1		2				
13	Butchers	10	14	22	1	17	5	7
14	Cabinet makers	26	34	34	22	59	14	18
15	Calclminers	3	3	4	2	1	7	1
16	Candy makers	1	3			4	17	
17	Carpenters	272	447	344	185	629	5	219
18	Caulkers	6	13	8	6	19	3	11
19	Cigar makers		1			1	15	
20	Coal miners	11	26	24	4	13	7	28
21	Coopers	1	6	2	2	6	15	2
22	Core makers		4		1	1	18	2
23	Detectives		1					
24	Die setters	4	6	5	3			
25	Drill pressmen	18	128	19	4	146	3	38
26	Electricians	24	61	21	15	79	6	23
27	Engineers	62	65	141	36	106	12	45
28	Firemen	108	254	134	49	330	10	125
29	Harness makers	2	2	2		2	15	
30	Horseshoers	2		9	1	1	7	
31	Iron workers	16	24	25	10	28	7	18
32	Lathe hands	9	62	13	7	64	12	24
33	Laundry men	13	30	17	4	38	6	6
34	Locksmiths	1	1	5		2	6	
35	Machine hands	43	202	56	13	228	11	53
36	Machinists	202	426	199	98	523	13	179

Table 23—Continued.

Number.	SEX AND CLASSIFICATION OF INDUSTRIES AND OCCUPATIONS.	CONJUGAL CONDITIONS.			Number of members of trades unions.	IDLENESS.		Number willing to work out of city.
		Number married.	Number Single.	Number of de- pendent chil- dren.		Number.	Average days idle.	
TRADES—Concluded.								
37	Masons	6	6		2			5
38	Meat cutters and slaughterers	1	1		1			1
39	Mechanics	1				1	7	
40	Metal workers	12	24	23	6	36	9	9
41	Mill work	3				3	10	
42	Millwrights	6	4	9	1	5	14	2
43	Miners	22	55	27	32	77	3	41
44	Molders	92	122	94	30	107	11	61
45	Packers	44	186	43	3	228	10	176
46	Painters	62	105	73	36	109	36	36
47	Paper hangers	8	23	7	2	22	8	3
48	Pattern makers	7	2	23	1	8	30	4
49	Pianists	1						
50	Planers	3	9	6	2			
51	Plasterers	7	5	9		7	2	1
52	Plumbers	3	6	2	2	1	2	3
53	Polishers, metal	2	5			7	7	
54	Polishers, not stated	3	13	6	1	16	40	6
55	Pressers		3			3	36	
56	Pressmen	27	86	7	15	109	6	9
57	Printers	1	3		1	3	9	1
58	Punch press hands	4	48	6		52	20	15
59	Riveters	5	5	1	1	3	2	
60	Roofers	3	2	2				
61	Sawyers	8	11	7	3	19	7	
62	Shoemakers	1	3	5	2	2	8	
63	Steamfitters	20	26	16	15	39	16	15
64	Stone cutters		1					
65	Tailors	4	5	9		5	3	
66	Tanners		1					
67	Tinsmiths	31	43	39	5	72	6	8
68	Tool makers	4	10	7	1	10	9	5
69	Upholsterers	8	18	12	1	25	13	5
70	Wagon makers	4	1	10				
71	Wood finishers		3		1	2	15	1
72	Wood workers	13	13	11	7	20	5	10
TRANSPORTATION		988	2,660	1,007	278	2,972	7	712
1	Barrenmen	208	285	184	4	315	10	81
2	Brakemen		3		1	3	19	2
3	Chauffeurs	2	3	2				3
4	Coachmen	21	38	22	1	51	10	29
5	Drivers	32	156	29	43	188	14	35
6	Elevatormen	51	181	82	17	230	10	52
7	Hostlers	4	14	4		18	5	4
8	Railroad men	4	2	2				
9	Sailors	1		1	1	1	24	1
10	Switchmen	1						
11	Teamsters	240	605	129	93	394	6	132
12	Teamsters with teams		2					
13	Truckmen	424	1,371	552	118	1,772	6	373
MISCELLANEOUS		2,320	6,575	1,818	297	6,809	6	1,694
1	Any light work	3	4	3	2	7	29	1
2	Apprentices	5	58	1	1	63	3	18
3	Blacksmiths helpers	3	2	18		3	16	
4	Bootblacks		5			3	1	1
5	Bottle washers		1					1
6	Boys		877		3	877	7	104
7	Boys, bell		35			7	10	4
8	Canvassmen	2	5	1	2			4

Table 23—Continued.

Number.	SEX AND CLASSIFICATION OF INDUSTRIES AND OCCUPATIONS.	CONJUGAL CONDITIONS.			Number of members of trades unions.	IDLENESS.		Number willing to work out of city.
		Number mar- ried.	Number single.	Number of de- pendent chil- dren.		Number.	Average days idle.	
	MISCELLANEOUS— <i>Concluded</i>							
9	Carriage and wagon washers.....	20	57	22		77	2	
10	Chicken pickers.....		1					
11	Chippers.....	39	31	20				6
12	Cleaners, harness.....		1			1	9	
13	Cupola tenders.....		1			1	11	1
14	Drop hammerers.....	7	28	4	3	35	2	
15	Factory hands.....	430	1,604	437	106	1,732	6	469
16	Filers.....		1					
17	Foremen.....	2	3	4		5	29	5
18	Foundrymen.....		5					
19	Furnace tenders.....	3	5	2		7	21	1
20	Gas fitters.....	1	1	1	1			
21	Gatemmen.....	3	4	8				
22	Grinders.....	32	20	27	13	7	7	8
23	Handy men.....	711	1,791	348	10	1,165	3	165
24	Hotel work.....		2					
25	Ice cutters.....	380	323	198	27	664	5	500
26	Inspectors.....	4		9				
27	Interpreters.....		1					
28	Janitors.....	217	547	232	1	704	10	138
29	Linemen, not stated.....		1			1	75	
30	Molders' helpers.....	1				1	12	
31	Office help.....	1	8			9	25	
32	Oilers.....	14	14	17		5	22	2
33	Pin setters.....	4	37	7		41	4	24
34	Tenpin setters.....	2	34					
35	Tobacco strippers.....		1			1	10	1
36	Trip hammerers.....	9	30	14				
37	Watchmen.....	254	316	312	43	556	15	75
38	Whitewashers.....	3	3	1		6	7	2
39	Window washers.....	120	550	103	78	670	10	109
40	Wood choppers.....	9	16	2	7			
41	Yardmen.....	40	152	27		161	4	55
42	Miscellaneous.....	1						
	FEMALES..... 14,161	5,182	8,979	3,478		10,755	17	1,479
	North side office.....	1,768	2,292	908		3,210	6	524
	South side office.....	971	2,656	931		3,624	2	514
	West side office.....	1,709	2,213	1,360		3,921	35	397
	Peoria office.....	734	1,818	279				44
	CLERICAL.....	13	143	4		86	9	8
1	Bookkeepers.....	1	15			3	14	
2	Office work.....	10	84	4		63	10	7
3	Stenographers.....	2	44			20	7	1
	COMMERCIAL.....	31	222	12		129	10	4
1	Addressers.....	1	10	1		8	6	
2	Bottle labelers.....	3	64	2		67	9	
3	Canvassers.....	1	3					
4	Cashiers.....	6	66	5		22	13	
5	Clerks.....	9	58	2		17	14	2
6	Commercial help.....		1					
7	Collectors.....	2	7	2				
8	Demonstrators.....	4	4			7	5	2
9	Distributors.....		1					
10	Saleswomen.....		5			4	14	
11	Solicitors.....	5	3			4	8	

Table 23—Concluded.

Number.	SEX AND CLASSIFICATION OF INDUSTRIES AND OCCUPATIONS.	CONJUGAL CONDITIONS.			Number of members of trades unions.	IDLENESS.		Number willing to work out of city.
		Number mar- ried.	Number single.	Number of de- pendent chil- dren.		Number.	Average days idle.	
	DOMESTIC SERVICE	4,941	7,557	3,366		9,586	16	1,400
1	Chambermaids	266	852	122		960	28	207
2	Cooks	560	564	301		1,027	18	177
3	Day workers	1,196	321	956		448	16	42
4	Diningroom help	40	265	11		305	20	62
5	Dishwashers	507	505	387		882	14	71
6	Domestics	132	420	51		552	62	75
7	General housework	368	1,746	70		1,369	3	310
8	Hotel help	9	16	7		20	5	11
9	Housekeepers	216	64	42		214	6	49
10	Housework	171	705	156		876	2	77
11	Kitchen help	521	553	434		913	16	79
12	Laundresses	280	199	256		476	8	50
13	Linen room girls	1						
14	Nurse girls	1	32					
15	Pantry work	37	125	9		147	6	11
16	Scrub women	485	241	477		540	13	18
17	Second work	24	264	8		243	8	36
18	Silver women	5	2	1				
19	Waitresses	122	683	78		614	24	125
	PERSONAL SERVICE	3	3			1	7	1
1	Companions	2	3			1	7	1
2	Matrons	1						
	PROFESSIONAL	28	140	6		153	13	28
1	Governesses		2			1	7	1
2	Nurses	28	137	6		152	13	26
3	Pianists		1					1
	TRADES	33	124	13		102	3	7
1	Dressmakers	2	2					
2	Packers	3	14	2		15	5	
3	Seamstresses	28	108	11		87	3	7
	MISCELLANEOUS	133	790	77		698	32	31
1	Agents	1	4	2		1	7	2
2	Attendants	1	3			1	7	1
3	Any light work		1			1	2	
4	Bottle washers	35	14	18		49	5	
5	Factory work	58	721	36		608	36	27
6	Folders, circular		5			5	5	
7	Fruit pickers	2	10			4	12	1
8	Janitresses	25	10	16		26	7	
9	Labelers		3					
10	Laboratory work	5	2	5				
11	Palmitists	1	1					
12	Pressers	2	2					
13	Telephone operators		6			1	6	
14	Ticket sellers		4					
15	Typewriters		2			2	15	
16	Vegetable women	3	2					

Table 24 is a summary of Table 23, showing the number of persons both sexes, by industries, and percentages of the whole number married or unmarried; members of trade unions, and of those willing to accept work outside of cities.

Of the total number of males 29.04 per cent were married and 70.96 per cent single; 4.21 per cent were trade union members and 30 per cent were willing to accept work away from the cities. Of the females 36.59 per cent were married and 63.41 per cent were single; only ten per cent were willing to accept work away from the cities.

The whole number of all applicants reporting losing time was 46,303 with an average of nine days of idleness.

The male applicants reported 10,475 dependent children, the females 3,478 making a total of 13,953. For the married men this would be 79 children to every 100; for the married women 67 children to every 100; and for both sexes 76 children to every 100 married persons.

TABLE 24—*Summary of Conjugal Conditions, Members of Trades Unions, Days Idle and Number Willing to Accept Work Out of City, with Percentages.*

OCCUPATIONS.		CONJUGAL CONDITIONS.			Number of dependent children.	Number members of trades unions.	IDLENESS.		Number willing to work out of city.
SEX AND CLASSIFICATION BY INDUSTRIES.	Number of occupations in each class.	Totals.	Number married.	Number single.			Number losing time.	Average days idle.	
Both sexes.....	229	59,361	18,306	41,055	13,953	1,903	46,303	9	15,039
Percentage—both sexes.....			30.84	69.16					25.33
Percentage—males.....			29.04	70.96		4.21			30.00
Percentage—females.....			36.59	63.41					10.44
MALES.....	172	45,200	13,124	32,076	10,475	1,903	35,548	7	13,560
Agricultural.....	6	2,308	318	1,990	379	7	1,856	7	1,472
Clerical.....	10	519	105	414	111	37	368	13	145
Commercial.....	12	888	233	655	186	38	557	6	133
Domestic service.....	11	6,106	1,116	4,990	859	175	4,708	8	1,496
Manual labor.....	4	18,439	6,640	11,799	4,434	405	14,592	6	6,550
Professional.....	2	40	15	25	13	1	33	7	15
Trades.....	72	4,357	1,389	2,968	1,668	665	3,653	10	1,343
Transportation.....	13	3,648	988	2,660	1,007	278	2,972	7	712
Miscellaneous.....	42	8,895	2,320	6,575	1,818	297	6,809	6	1,694

Table 24—Concluded.

OCCUPATIONS.		CONJUGAL CONDITIONS.			Number of dependent children.	Number members of trades unions.	IDLENESS.		Number willing to work out of city.
SEX AND CLASSIFICATION BY INDUSTRIES.	Number of occupations in each class.	Totals.	Number married.	Number single			Number losing time.	Average days idle.	
FEMALES	57	14,161	5,182	8,979	3,478	.....	10,755	17	1,479
Clerical	3	156	13	143	4	.....	86	9	8
Commercial.....	11	253	31	222	12	.....	129	10	4
Domestic service.....	19	12,498	4,941	7,557	3,366	.....	9,586	16	1,400
Personal service.....	2	6	3	3	.....	.....	1	7	1
Professional	3	168	28	140	6	.....	153	13	28
Trades	3	157	33	124	13	.....	102	3	7
Miscellaneous	16	923	133	790	77	.....	698	32	31

TABLE 25—*Nationality of all*

NATIONALITY OF APPLICANTS

Table 25 presents the nationality of all applicants for employment by

MALES.

Number.	Classification of Industries and Occupations.	American.	Austrian.	Bohemian.	Canadian.	Danish.	English.	French.	German and Hollanders.
	AGRICULTURAL	998	9	16	57	62	88	6	453
1	Dairymen	14							2
2	Farmers and farm hands	538	2	10	14	31	22	3	207
3	Florists and gardeners	66	1	2	6	2	8	2	51
4	Fruit pickers	38							2
5	Harvest hands	2							2
6	Stockmen	340	6	4	37	29	58	1	189
	CLERICAL	263		10	1		9	11	60
1	Bookkeepers	10			1		1		7
2	Cashiers								2
3	Checkers	2							
4	Clerks, drug	1							2
5	Clerks, bill								1
6	Clerks, grocery	1						1	
7	Clerks, shipping	13		2			3	1	3
8	Clerks, not stated	216		7			3	9	38
9	Stenographers	15		1			1	1	5
10	Time keepers	5					1		2
	COMMERCIAL	440	4	12	7	7	31	13	150
1	Agents	11			1				2
2	Boys, delivery	136				2			3
3	Boys, elevator	13							
4	Boys, errand	11		2			3		8
5	Boys, office	35		4		1	2		15
6	Canvassers	28	2				6		12
7	Collectors	6					1		3
8	Distributors	83			3		7	9	18
9	Salesmen	38			2		4	1	16
10	Solicitors	37					1	1	16
11	Warehouse men	40	2	5	1	4	6	2	55
12	Wholesale men	2		1			1		2
	DOMESTIC SERVICE	2,487	63	108	112	75	243	125	1,119
1	Attendants	4		1			3		
2	Butlers	9					5		1
3	Carpet layers	3			2				2
4	Cooks	330	14	8	14	2	15	20	95
5	Dishwashers	414	9	24	6	9	25	4	131
6	Housemen	658	17	19	30	27	83	29	319
7	Kitchen work	92	8	13	17	11	9	12	61
8	Pantry men	3							1
9	Panwashers	35					1		10
10	Porters	589	11	25	16	15	60	34	355
11	Waiters	350	4	18	37	11	42	26	144
	MANUAL LABOR	8,582	351	356	173	288	356	112	3,110
1	Coal heavers	22		1		2			15
2	Hod carriers								
3	Laborers	8,554	351	355	173	286	356	112	3,092
4	Laborers, railroad	6							3

Applicants for Employment.

FOR EMPLOYMENT.

industries and occupations.

MALES.

Irish.	Italian.	Norwegian.	Polish.	Russian.	Scandinavian.	Scotch.	Swede.	Swiss.	Welch.	Miscellaneous.	Not reported.	Totals.	Number.
163	5	98	48	13	4	48	89	10	11	29	101	2,308	
68	1	56	34	10	4	20	50	5	1	15	59	17	1
4	3	13		2		1	13			1	1	1,150	2
5												176	3
												45	4
												4	5
86	1	29	14	1		27	26	5	10	13	40	916	6
55	6	4	6	9	11	1	4	6		3	60	519	
3	2		1	1	1						11	38	1
												2	2
												2	3
												3	4
												1	5
												2	6
3	1	2	1								3	31	7
46	2	2	4	8	10	1	2	6		3	43	400	8
2							1				3	29	9
1	1						1					11	10
40	9	8	31	3	4	8	7	2		35	77	888	
1	3					3		2			2	21	1
	3										9	154	2
												16	3
												24	4
3		2	1		3	1	2			1	1	66	5
							3					56	6
				1		1				1	12	24	7
18												139	8
7		1	3								4	76	9
1			1	3						3		62	10
10	3	5	26	1	3	2				30	49	244	11
												6	12
574	68	208	90	56	3	80	227	34	43	103	278	6,106	
	1						1				2	6	1
		1				1	1		1			18	2
50	16	10	8			14	9	1	5	4	83	14	3
79	21	47	23	15		13	41		4	5	32	698	4
177	8	44	20	15		20	68	5	10	32	40	902	5
30	7	42	6			4	36	4	7	4	22	1,621	6
												385	7
												4	8
9	1										1	57	9
146	13	45	26	26	3	19	52	16	9	45	87	1,592	10
83	1	19	7			9	19	8	7	13	11	809	11
1,352	362	604	789	304	8	208	655	85	64	252	428	18,439	
7		2	1			2	2			3	5	62	1
											2	2	2
1,345	362	602	788	304	8	206	648	85	64	249	421	18,361	3
							5					14	4

Table 25—

Number.	Classification of Industries and Occupations.	American.	Austrian.	Bohemian.	Canadian.	Danish.	English.	French.	German and Hollanders.
	PROFESSIONAL.....	16			2		6	2	6
1	Draughtsmen.....	5							2
2	Nurses.....	11			2		6	2	4
	TRADES.....	1,604	105	143	90	74	97	15	794
1	Assemblers.....	20	1		1	5			2
2	Bakers.....	21							12
3	Barbers.....	4					1		
4	Bartenders.....	12					1	2	8
5	Bench hands.....	47	3	10		3	1		25
6	Blacksmiths.....	32		1	1	1	4		19
7	Boiler makers.....	12	2			1	3		8
8	Bookbinders.....								
9	Boxmakers.....	9	3		2		1		5
10	Brass finishers.....						1		
11	Brick layers.....	4							6
12	Broom makers.....			1					
13	Butchers.....	6	4	3		1			1
14	Cabinet makers.....	13	7					1	10
15	Calcininers.....	4	2						
16	Candy makers.....								
17	Carpenters.....	300	11	6	31	17	15	2	122
18	Caulkers.....	11					4		2
19	Cigar makers.....	1							
20	Coal miners.....	15				1	1		7
21	Coopers.....	2					1		1
22	Core makers.....	2							
23	Detectives.....	1							
24	Die setters.....	3	2						1
25	Drill pressmen.....	54		9			1		33
26	Electricians.....	39		1		1		2	13
27	Engineers.....	70			2		4		20
28	Firemen.....	137	3	5	7	9	7		60
29	Harness makers.....	2							1
30	Horse shoers.....								
31	Iron workers.....	14			3	2			9
32	Lathe hands.....	27	1	3			1		17
33	Laundry men.....	17			4	1	1	2	6
34	Locksmiths.....								
35	Machine hands.....	76	9	17			3		53
36	Machinists.....	149	44	50	12	19	13	1	89
37	Masons.....	4							3
38	Meat cutters and slaughterers.....	1					1		
39	Mechanics.....								1
40	Metal workers.....	12		1		1	1	2	9
41	Millwork.....	3							
42	Millwrights.....	4							5
43	Miners.....	11	5	7		4			14
44	Molders.....	83		10	3	1	5		40
45	Packers.....	93	2	8	6	1	9		43
46	Painters.....	76		1	6	1	2		36
47	Paper hangers.....	14			2				10
48	Pattern makers.....	2							1
49	Pianists.....	1							
50	Planers.....	5	1						2
51	Plasterers.....	5			1				6
52	Plumbers.....	5							
53	Polishers, metal.....	4					1	1	1
54	Polishers, not stated.....	11							2
55	Pressers.....	2							1
56	Pressmen.....	44	1	1	4	2	3	1	23
57	Printers.....	1							
58	Punch press hands.....	18		1	1		2		13
59	Riveters.....	8							1
60	Roofers.....	4			1				
61	Sawyers.....	8		2			1		3
62	Shoemakers.....			1					3

Continued.

[illegible]

—Continued.

[illegible]

Table 25—

Number.	Classification of Industries and Occupations.	American.	Austrian.	Bohemian.	Canadian.	Danish.	English.	French.	German and Hollanders.
MISCELLANEOUS— <i>Concluded.</i>									
36	Trip hammerers.....	13	1	1					9
37	Watchmen.....	148	4	5	9	7	26	2	109
38	Whitewashers.....	3							2
39	Window washers.....	188	17	30	15	12	17	2	124
40	Wood choppers.....	2							10
41	Yardmen.....	60	4	11	11	4	14	2	40
42	Miscellaneous, not stated.....								

FEMALES.

CLERICAL.....		59			3		2		18
1	Book keepers.....	7							
2	Office work.....	33			3		2		13
3	Stenographers.....	19							5
COMMERCIAL.....		135		1	3		4	5	17
1	Addressers.....	9							
2	Bottle labelers.....	43			3				6
3	Canvassers.....	1							1
4	Cashiers.....	42		1			3	2	4
5	Clerks.....	17						2	5
6	Commercial help.....	1							
7	Collectors.....	5							
8	Demonstrators.....	6					1	1	
9	Distributors.....	1							
10	Saleswomen.....	3							1
11	Solicitors.....	7							
DOMESTIC SERVICE.....		4,513	51	246	204	121	374	146	1,977
1	Chambermaids.....	578		8	24	3	17	13	126
2	Cooks.....	299	3	29	28	8	74	68	200
3	Day workers.....	546	4	23	8	7	62	6	205
4	Dining room help.....	182			2	2	4	4	29
5	Dish washers.....	289	9	28	18	15	12	6	202
6	Domestics.....	164		20	8	16	9	5	136
7	General housework.....	968		4	10	18	20	9	283
8	Hotel help.....	14		1			2	1	3
9	Housekeepers.....	146			7		23	2	30
10	Housework.....	117	9	27	30	21	43	5	223
11	Kitchen help.....	290	9	42	16	13	26	12	182
12	Laundresses.....	182		3	7	1	25	1	56
13	Linen room girls.....								1
14	Nurse girls.....	14							3
15	Pantry work.....	48		4	5		7		41
16	Scrubwomen.....	116	17	40	12	5	24	6	149
17	Second work.....	110		2	3	2	3		33
18	Silver women.....	2					1		1
19	Waitresses.....	448		15	26	10	22	8	74
PERSONAL SERVICE.....		4			1				
1	Companions.....	3			1				
2	Matrons.....	1							

Table 25—

Number.	Classification of Industry and Occupation.	American.	Austrian.	Bohemian.	Canadian.	Danish.	English.	French.	German and Hollanders.
	PROFESSIONAL	92		1			4	1	16
1	Governesses						1		
2	Nurses	91		1			3	1	16
3	Pianists	1							
	TRADES	88		4	1	1		5	18
1	Dressmakers	1							
2	Packers	16							
3	Seamstresses	71		4	1	1		5	18
	MISCELLANEOUS	431	7	25	10	5	10	7	178
1	Agents	4							
2	Attendants.	1						1	1
3	Any light work								
4	Bottle washers	26		2	1	2	1	1	5
5	Factory work	352	7	21	9	3	9	5	155
6	Folders, circular	3							2
7	Fruit pickers	12							
8	Janitresses	14		2					9
9	Labelers	3							
10	Laboratory work	1							3
11	Palmists	1							
12	Pressers	1							2
13	Telephone operators	3							
14	Ticket sellers	4							
15	Typewriters	1							1
16	Vegetable women	5							

Concluded.

[illegible]

Table 26 presents a summary of the nationality of the applicants of the miscellaneous class and those not reported, from the total of both which with the Germans and Irish constitute 74 per cent, leaving 26 which are shown in the fourth and fifth lines at the head of the table.

TABLE 26—*Summary of Nativity of all Ap*

Sex and Classification of Occupation.	American.	Austrian.	Bohemian.	Canadian.	Danish.	English.	French.	German and Hollanders.
Totals both sexes	25,755	736	1,171	841	744	1,530	521	9,728
Males	20,433	678	894	619	617	1,136	357	7,504
Females	5,322	58	277	222	127	394	164	2,224
Percentage of males	47.77	1.59	2.09	1.45	1.44	2.66	0.83	17.54
Percentage of females	39.84	0.43	2.07	1.66	0.95	2.95	1.23	16.65
Percentage of both sexes	45.88	1.31	209	1.50	1.32	2.73	.93	17.33
MALES:—								
Agriculture.....	998	9	16	57	62	88	6	453
Clerical	263	.....	10	1	.....	9	11	60
Commercial.....	440	4	12	7	7	31	13	150
Domestic service.....	2,487	63	108	122	75	243	125	1,119
Manual labor.....	8,582	351	356	173	288	356	112	3,110
Professional.....	16	.....	.....	2	.....	6	2	6
Trades	1,604	105	143	90	74	97	15	794
Transportation.....	1,796	45	46	63	40	130	5	536
Miscellaneous	4,247	101	203	104	71	176	68	1,276
FEMALES:—								
Clerical	59	.....	.....	3	.....	2	.....	18
Commercial	135	.....	1	3	.....	4	5	17
Domestic service.....	4,513	51	246	204	121	374	146	1,977
Personal service	4	.....	.....	1	.....	.....	.....	.....
Professional.....	92	.....	1	.....	.....	4	1	16
Trades	88	.....	4	1	1	.....	5	18
Miscellaneous	431	7	25	10	5	10	7	178

The reports of the several superintendents follow :

both sexes. Eighteen different countries are represented; by deducting sexes, leaves 56,134; of this number 45.88 per cent were Americans, per cent divided amongst the 15 other nationalities; the percentages of

licants for Employment, by Classified Occupations.

Irish.	Italian.	Norwegian.	Polish.	Russian.	Scandinavian.	Scotch.	Swede.	Swiss.	Welsh.	Miscellaneous.	Not reported.	Totals.
6,101	662	1,934	1,926	658	80	752	2,526	262	207	1,121	2,106	59,361
3,483	634	1,458	1,589	625	47	528	1,742	247	184	810	1,615	45,200
2,618	28	476	337	33	33	224	784	15	23	311	491	14,161
8.14	1.48	3.41	3.72	1.46	0.11	1.23	4.07	0.58	0.43	.....	.....	.....
19.60	0.21	3.56	2.52	0.25	0.25	1.68	5.87	0.11	0.17	.....	.....	.....
10.87	1.18	3.44	3.43	1.17	0.14	1.34	4.50	0.47	0.37	.....	.....	.....
163	5	98	48	13	4	48	89	10	11	29	101	2,308
55	6	4	6	9	11	1	4	6	.....	3	60	519
40	9	8	31	3	4	8	7	2	.....	35	77	888
574	68	208	90	56	3	80	227	34	43	103	278	6,106
1,352	362	604	789	304	8	208	655	85	64	252	428	18,439
2	.....	.....	.....	.....	.....	3	.....	.....	.....	2	1	40
268	35	184	225	89	4	41	235	24	10	101	219	4,357
372	36	107	81	21	.....	54	102	14	17	59	124	3,648
657	113	245	319	130	13	85	423	72	39	226	327	8,895
13	.....	3	.....	.....	1	1	6	.....	.....	3	47	156
6	.....	4	3	.....	.....	3	2	.....	.....	11	59	253
2,453	20	449	293	27	30	203	749	15	22	278	327	12,498
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6
32	.....	4	3	.....	.....	2	6	.....	.....	.....	7	168
22	.....	.....	1	.....	.....	1	1	.....	.....	2	13	157
92	8	16	37	6	2	14	20	.....	1	17	37	923

NORTH SIDE FREE EMPLOYMENT OFFICE, 259-261 NORTH CLARK
STREET, CHICAGO.

NINTH ANNUAL REPORT FOR THE YEAR ENDED SEPT. 30, 1907.

(John E. Huffmeyer, Superintendent.)

Hon. David Ross, Secretary of Bureau of Labor Statistics, Springfield, Ill.:

SIR—In compliance with section six of the act of the General Assembly, creating the Illinois Free Employment Offices, I herewith submit the ninth annual report of the business of the North Side Office for the year ended Sept. 30, 1907, together with the expense of maintaining the office for the same period.

This report will give in detail the work of this office for the time herein stated.

Respectfully submitted,

JOHN E. HUFMEYER,
Superintendent.

Expense Account from October 1, 1906, to September 30, 1907.

Office rent.....	\$1,200 00	City directory.....	\$ 7 50
Advertising.....	27 40	Typewriter desk.....	30 00
Postage.....	110 00	Printing (record book of parole pris-	
Gas.....	19 80	oners).....	10 25
Telephone.....	126 20	Miscellaneous.....	13 00
Toilet and towel supplies.....	15 00		
Time clock service.....	12 00	Total.....	\$1,588 78
Ice and water.....	17 63		

Annual Report of North Side Free Employment Office to the State Bureau of Labor Statistics, for the Year Ended October 1, 1907.

MALES.

Number.	CLASSIFICATION OF OCCUPATIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP	
		Number filed.	Number positions secured.	Number unfiled.	Number filed.	Number unfiled.
1	Assemblers.....	28	27	1	33	6
2	Attendants.....	6	5	1	6	1
3	Bakers.....	2	1	1	1	
4	Barbers.....	1	1		1	
5	Barmen.....	112	111	1	111	
6	Bartenders.....	1	1		1	
7	Bench hands.....	34	30	4	36	6
8	Blacksmiths.....	17	17		21	4
9	Boiler makers.....				1	1
10	Bookkeepers.....	6	5	1	5	
11	Boys.....	304	278	26	313	35
12	Butchers.....	2	2		2	
13	Butlers.....	3	3		3	
14	Cabinet makers.....	33	38		39	6
15	Canvassers.....	53	49	4	56	7
16	Carpenters.....	97	95	2	100	5
17	Carriage and wagon washers.....	26	26		26	
18	Cashiers.....	2	2		2	
19	Clerks, not stated.....	35	26	9	26	
20	Coachmen.....	27	25	2	26	1
21	Collectors.....	4	2	2	2	
22	Cooks.....	53	52	1	55	3
23	Coopers.....	1	1		1	
24	Distributors.....	4	4		5	1
25	Die setters.....	10	10		10	
26	Dishwashers.....	85	85		86	1
27	Draughtsmen.....	1		1		
28	Drivers.....	88	83	5	86	3
29	Drop hammerers.....	35	33	2	44	11
30	Elevator men.....	42	41	1	42	1
31	Engineers.....	11	8	3	9	1
32	Factory hands.....	169	161	8	169	8
33	Farmers.....	115	109	6	112	3
34	Firemen.....	54	49	5	51	2
35	Filers.....	1	1		1	
36	Foundrymen.....	5	4	1	5	1
37	Gate men.....	7	7		8	1

North Side Office—Continued.

Number.	CLASSIFICATION OF OCCUPATIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
		Number filed.	Number positions secured.	Number unfiled.	Number filed.	Number unfiled.
38	Gardeners.....	40	39	1	44	5
39	Grinders.....	7	7	.....	7	.....
40	Handymen.....	785	775	10	798	23
41	Housemen.....	430	426	4	429	3
42	Inspectors.....	4	4	.....	4	.....
43	Iron workers.....	9	9	.....	11	2
44	Janitors.....	140	138	2	140	2
45	Kitchenwork.....	27	26	1	28	2
46	Laborers.....	2,521	2,495	26	2,551	56
47	Lathe hands.....	7	5	2	8	3
48	Laundrymen.....	3	3	.....	3	.....
49	Machine hands.....	12	12	.....	14	2
50	Machinists.....	45	44	1	48	4
51	Metal workers.....	28	24	4	27	3
52	Mill work.....	3	3	.....	3	.....
53	Molders.....	81	71	10	88	17
54	Office help.....	9	8	1	8	.....
55	Oilers.....	23	23	.....	25	2
56	Packers.....	17	16	1	17	1
57	Painters.....	27	24	3	28	4
58	Paper hangers.....	3	3	.....	3	.....
59	Pantrymen.....	2	2	.....	2	.....
60	Panwashers.....	7	7	.....	7	.....
61	Planers.....	12	9	3	12	3
62	Polishers.....	6	6	.....	6	.....
63	Porters.....	243	241	2	242	1
64	Pressmen.....	94	88	6	110	22
65	Printers.....	1	1	.....	1	.....
66	Riveters.....	5	5	.....	5	.....
67	Sawyers.....	17	15	2	18	3
68	Shoemakers.....	2	2	.....	3	1
69	Solicitors.....	1	1	.....	1	.....
70	Steam fitters.....	1	1	.....	1	.....
71	Stenographers.....	12	12	.....	12	.....
72	Stockmen.....	120	119	1	121	2
73	Teamsters.....	29	29	.....	29	.....
74	Time keepers.....	3	3	.....	3	.....
75	Tinsmiths.....	44	44	.....	49	5
76	Toolmakers.....	4	4	.....	4	.....
77	Triphammerers.....	39	35	4	47	13
78	Truckmen.....	161	161	.....	181	20
79	Upholsterers.....	1	1	.....	1	.....
80	Waiters.....	22	20	2	20	.....
81	Watchmen.....	22	21	1	24	3
82	Window washers.....	136	135	1	160	25
83	Wood finishers.....	1	1	.....	1	.....
84	Wood workers.....	6	4	2	6	2
85	Yardmen.....	17	17	.....	17	.....
Total.....		6,703	6,526	177	6,862	336
Positions secured, previous applications.....		.....	118	118	.....	118
Yearly total.....		6,703	6,644	59	6,862	218

North Side Office--Concluded.

FEMALES.

Number.	CLASSIFICATION OF OCCUPATIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
		Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
1	Addressers.....	1	.....	1	1	1
2	Attendants.....	3	3	.....	4	1
3	Cashiers.....	7	6	1	6	.....
4	Clerks.....	10	7	3	11	4
5	Chambermaids.....	309	289	20	359	70
6	Cooks.....	289	276	13	383	107
7	Dayworkers.....	631	621	10	637	16
8	Demonstrators.....	1	1	.....	2	1
9	Dining room help.....	108	97	11	159	62
10	Dishwashers.....	255	243	12	294	51
11	Factory work.....	78	65	13	140	75
12	General housework.....	1,369	1,325	44	1,779	454
13	Housekeepers.....	31	24	7	40	16
14	Janitresses.....	8	8	.....	10	2
15	Kitchen help.....	339	322	17	368	46
16	Laundresses.....	149	138	11	190	52
17	Laboratory work.....	7	6	1	9	3
18	Matrons.....	1	1	.....	1	.....
19	Nurses.....	52	42	10	64	22
20	Office work.....	15	11	4	20	9
21	Pantry work.....	33	25	8	33	8
22	Scrubwomen.....	174	169	5	203	34
23	Seamstresses.....	24	16	8	32	16
24	Second work.....	103	93	10	128	35
25	Solicitors.....	.....	.....	.....	2	2
26	Stenographers.....	3	2	1	5	3
27	Waitresses.....	60	52	8	111	59
Total.....		4,060	3,842	218	4,991	1,149
Positions secured, previous applications.....		.....	161	161	.....	161
Yearly total.....		4,060	4,003	57	4,991	988

SOUTH SIDE FREE EMPLOYMENT OFFICE, 429-431 WABASH AVENUE,
CHICAGO.

NINTH ANNUAL REPORT FOR THE YEAR ENDED SEPT. 30, 1907.

(W. H. Cruden, Superintendent.)

Hon. David Ross, Secretary of the Bureau of Labor, Springfield, Ill.:

SIR—Complying with section 6 of the act of the General Assembly creating the Illinois Free Employment Offices, I herewith submit the ninth annual report of the business of the South Side Office for the year ended Sept. 30, 1907, together with the expense of maintaining the office for the period.

Our increase of work with parole prisoners takes something from the expense account and in that connection I might say now, that since making our last report we have received through this office from Joliet, twenty-four (24) prisoners on parole; four (4) discharged prisoners presenting themselves from that institution for work, and were placed accordingly; from the reformatory we had twenty-three (23) men, and ninety (90) prisoners from Menard, making a total of one hundred and ninety (190) on parole, since the inception of the work, Sept. 1, 1906, during which time thirty (30) have faithfully served their parole, and have been granted their final order of discharge, and others are becoming eligible every month from now on, for their discharge.

At the end of another year, we will be better able to determine the extent of what can be done in this line, and also be better able to speak with intelligence about the advisability of caring for prisoners by this method.

I say this because you will observe that the number of men received from the Joliet penitentiary are few compared with the southern penitentiary, and this because of the objection of the warden to our ability to give these prisoners the proper surveillance. I am making investigations that will properly determine this question in the near future.

The report sent you under separate cover regarding the number of positions secured, etc., through our free employment office shows an increase of positions secured over last year of 2.122. This is more than I had expected when making my last report, at which time I thought that we had about reached our limit. The report does show, however, that we secured positions for fewer females this year than we did last year. There may be various reasons for this. The class applying for positions at this office have been such, many times, that we did not desire to send them to our applicants, and have informed them that unless their mode of living was advanced, we could not place them. Consequently the report shows that more of our applicants for help this year have been unsupplied. Domestic help have been in great demand, but the respectable girl who is willing to work, is generally employed, showing conclusively that the way to solve the domestic help problem is to teach the shiftless domestic that she must be very careful about her moral character.

Regarding the male help I might say, that we find quite a number of men who have positions, wishing to register with us so that they may obtain better positions. This class of applicants are informed that it would not be just to devote much of our time for their advancement. That the bureau was created for the purpose of finding employment for those who are without work or means to otherwise obtain it. Consequently we are supplying unskilled labor more than anything else, which is a natural condition, seeing that the trades unions supply the demand for mechanics, and considering the number of licensed private employment agencies and others maintained by various mercantile houses, it is surprising that we get an opportunity to fill as many positions as we do, which shows that the bureau is necessary and appreciated.

Our experience with the opening of the office earlier has proved of little advantage, especially to the female department, about which the superintendent of the Peoria office said, would prove beneficial for those seeking washwomen. We found very few calls for such help at the early hour. Our people make requests for such help the day before, and if the help so employed do not report for work, it is eight or nine o'clock before they discover they have been disappointed. Hence the early hour is of no advantage to us.

The system now in practice regarding the monthly report to you about licensed private employment agencies, makes it unnecessary to make much of a statement at this time. Sufficient to say that outside of the salaries paid from the license fee fund, there has only been an expenditure of \$118.85 for legal services connected therewith, which includes the work done in an effort to have passed the bill regulating private employment agencies, which shows that these agencies are being so operated that the complaints against them are not of a serious nature, strict surveillance having convinced them that the law must not be violated. Those agents who have gone out of business, you have a record of, sent you monthly, and the late investigation made by the State Auditor makes it unnecessary for me to say anything about the fees received or licenses issued, his report being satisfactory on that point.

Respectfully submitted,

WM. H. CRUDEN.

Superintendent.

Expense Account from October 1, 1906, to September 30, 1907.

Office rent.....	\$1,140 00	Light and power.....	\$ 73 33
Advertising.....	424 25	Miscellaneous.....	6 61
Telephone.....	275 96	Postage.....	190 00
Office supplies.....	169 27	Traveling expenses, and incidentals for parole prisoners.....	48 87
Office cleaning, furniture repairs.....	197 85	Total.....	\$2,759 54
Extra stenographer.....	180 00		
Ice and water.....	53 40		

Annual Report of South Side Free Employment Office, to the State Bureau of Labor Statistics, for the Year ended October 1, 1907.

MALES.

Number.	CHARACTER OF POSITIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
		Number filed.	Number of positions secured.	Number unfilled.	Number filed.	Number unfilled.
1	Architects.....				1	1
2	Bakers.....	6	5	1	6	1
3	Barbers.....	5	5		7	2
4	Barnmen.....	122	114	8	119	5
5	Bartenders.....	4	4		4	
6	Blacksmiths.....	41	41		54	13
7	Boilermakers.....	34	34		43	9
8	Bookkeepers.....	10	7	3	7	
9	Bootblacks.....	3	3		3	
10	Boxmakers.....	24	24		26	2
11	Boys.....	305	285	20	382	97
12	Bricklayers.....	13	13		23	10
13	Butchers.....	11	11		12	1
14	Butlers.....	2	2		2	
15	Cabinet makers.....	14	13		13	
16	Calcinimers.....	1	1		1	
17	Carpenters.....	317	307	10	376	69
18	Carriage and wagon washers.....	34	34		37	3
19	Carpet layers.....	14	12	2	12	
20	Caulkers.....	19	19		32	13
21	Clerks, drug.....	3	2	1	2	
22	Clerks, shipping.....	18	17	1	17	
23	Clerks, not stated.....	113	102	11	107	5
24	Coachmen.....	13	11	2	11	
25	Collectors.....	3	3		3	
26	Cooks.....	395	370	25	388	18
27	Dairymen.....	3	3		3	
28	Dishwashers.....	525	499	26	505	6
29	Distributors.....	76	74	2	74	
30	Electricians.....	55	53	2	70	
31	Elevatormen.....	152	143	9	144	17
32	Engineers.....	47	43	4	44	1
33	Factory hands.....	806	766	40	784	18

South Side Office—Continued.

Number.	CHARACTER OF POSITIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
		Number filed.	Number of positions secured.	Number unfilled.	Number filed.	Number unfilled.
34	Farmers	328	327	1	406	79
35	Firemen	135	113	22	135	22
36	Florists and gardeners.....	59	57	2	57	.....
37	Harness makers.....	2	2	.....	2	.....
38	Housemen	931	849	82	856	7
39	Iron workers.....	18	18	.....	23	5
40	Janitors.....	400	361	39	365	4
41	Kitchen work.....	321	284	37	287	3
42	Laborers.....	5,309	5,179	130	7,245	2,066
43	Laundrymen.....	35	34	1	59	25
44	Machine hands	80	77	3	77	.....
45	Machinists.....	316	300	16	356	56
46	Miners.....	77	76	1	166	90
47	Molders.....	26	26	.....	53	27
48	Nurses.....	27	26	1	26	.....
49	Packers.....	84	83	1	84	1
50	Painters.....	50	42	8	42	.....
51	Paper hangers.....	11	11	.....	11	.....
52	Pin setters.....	41	40	1	40	.....
53	Plasterers.....	7	7	.....	21	14
54	Plumbers.....	1	1	.....	4	3
55	Porters.....	711	648	63	648	.....
56	Pressmen.....	15	15	.....	15	.....
57	Roofer.....	3	3	.....	4	1
58	Salesmen.....	60	58	2	60	2
59	Solicitors.....	13	13	.....	18	5
60	Steam fitters.....	25	23	2	23	.....
61	Stenographers.....	9	8	1	8	.....
62	Stock men.....	560	521	39	539	18
63	Tailors.....	5	5	.....	6	1
64	Teamsters.....	204	196	8	216	20
65	Tinsmiths.....	11	11	.....	11	.....
66	Truckmen.....	714	677	37	689	12
67	Upholsterers.....	5	5	.....	7	2
68	Wagon makers.....	1	1	.....	3	2
69	Waiters.....	676	622	54	631	9
70	Watchmen.....	264	238	26	247	9
71	Window washers.....	271	257	14	262	5
72	Yardmen.....	133	119	14	123	4
Total.....		15,126	14,353	773	17,137	2,784

South Side Office—Concluded.

FEMALES.

Number.	CHARACTER OF POSITIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
		Number filed.	Number of positions secured.	Number unfilled.	Number filed.	Number unfilled
1	Agents.....	1	1	.....	1	.....
2	Bookkeepers.....	1	1	.....	2	1
3	Cashiers.....	2	2	.....	2	.....
4	Clerks.....	7	7	.....	18	11
5	Chambermaids.....	306	306	.....	492	186
6	Cooks.....	429	429	.....	700	271
7	Dayworkers.....	164	164	.....	191	27
8	Demonstrators.....	2	2	.....	2	.....
9	Dishwashers.....	351	351	.....	555	204
10	Factory work.....	159	159	.....	242	83
11	Housekeepers.....	43	43	.....	104	61
12	House work.....	876	876	.....	1,786	910
13	Janitresses.....	13	13	.....	13	.....
14	Kitchen help.....	313	313	.....	486	173
15	Laundresses.....	140	140	.....	225	85
16	Nurses.....	24	24	.....	41	17
17	Office work.....	30	30	.....	35	5
18	Pantry work.....	58	58	.....	113	55
19	Saleswomen.....	2	2	.....	2	.....
20	Scrubwomen.....	315	315	.....	425	110
21	Seamstresses.....	11	11	.....	19	8
22	Second work.....	90	90	.....	171	81
23	Solicitors.....	1	1	.....	1	.....
24	Stenographers.....	5	5	.....	8	3
25	Waitresses.....	284	284	.....	543	259
	Total.....	3,627	3,627	.....	6,177	2,550

WEST SIDE FREE EMPLOYMENT OFFICE.

NINTH ANNUAL REPORT FOR THE YEAR ENDED SEPT. 30, 1907.

(S. P. Revere, Superintendent.)

Hon. David Ross, Secretary, Bureau of Labor Statistics, Springfield, Ill.:

SIR—In compliance with section six of the act of the General Assembly creating the Illinois Free Employment Offices, I herewith submit the ninth annual report of the business of this office covering the period from Oct. 1, 1906, to Sept. 30, 1907, together with the expense account for the same period.

This report will give in detail the work of this office for the time herein stated.

Respectfully submitted,

S. P. REVERE,
Superintendent.

Expense Account from October 1, 1906, to September 30, 1907.

Rent of office	\$900 00	Janitor's supplies	\$ 8 63
Light	59 21	Parole record	10 25
Telephone service and toll	102 15	Postage and expressage	38 75
Two telephone extensions	33 00	Advertising	25 00
Ice	42 50	Miscellaneous	28 68
Towel supply	16 50		
City directory	7 50	Total	\$1,359 92
Typewriter	87 75		

Annual Report of West Side Free Employment Office, to the State Bureau of Labor Statistics, for the Year ended October 1, 1907.

MALES.

Number.	CHARACTER OF POSITIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
		Number filed.	Number of positions secured.	Number unfilled.	Number filed.	Number unfilled.
1	Any light work	7		7		
2	Apprentices	63	32	31	32	
3	Assemblers	7	1	6	1	
4	Bakers	11	3	8	3	
5	Barbers	1	1		1	
6	Barnmen	81	76	5	77	1
7	Bartenders	16	7	9	7	
8	Bench hands	99	51	48	51	
9	Blacksmiths	25	14	11	16	2
10	Blacksmith helpers	3	1	2	3	2
11	Bookbinders	1		1		
12	Bookkeepers	11	1	10	1	
13	Bottle washers	1	1		1	
14	Boys	268	253	15	272	19
15	Boys, bell	7	1	6	1	
16	Boys, delivery	2		2		
17	Boys, errand	23	15	8	15	
18	Boys, office	54	30	24	30	
19	Brakemen	3		3		
20	Brass finishers	2		2		
21	Bricklayers	2		2		
22	Broom makers	1	1		2	1
23	Butchers	6	3	3	3	
24	Butlers	13	12	1	12	
25	Cabinet makers	11	7	5	11	4
26	Calcinimers	5	5		5	
27	Candy makers	4	4		4	
28	Canvassers	1		1		
29	Canvassmen	7	7		7	
30	Car builders				4	4
31	Carpenters	215	169	46	244	75
32	Carriage and wagon washers	17	14	3	15	1
33	Chauffeurs	5		5		

West Side Office—Continued.

Number.	CHARACTER OF POSITIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
		Number filled.	Number of positions secured.	Number unfilled.	Number filled.	Number unfilled.
34	Checkers.....	2		2		
35	Chefs.....				1	1
36	Chippers.....	70	69	1	69	
37	Cigar makers.....	1		1		
38	Circular distributors.....	6	6		6	
39	Cleaners, harness.....	1	1		1	
40	Clerks, bill.....	1		1		
41	Clerks, grocery.....	2	2		2	
42	Clerks, shipping.....	13	11	2	10	
43	Clerks, not stated.....	136	20	116	20	
44	Coachmen.....	11	6	5	6	
45	Coal heavers.....	62	62		62	
46	Coal miners.....	13	13		53	40
47	Collectors.....	4	1	3	1	
48	Cooks.....	54	19	35	21	2
49	Coopers.....	6	14	2	4	
50	Core makers.....	2	1	1	1	
51	Cupola tenders.....	1	1		1	
52	Dishwashers.....	64	60	4	60	
53	Draughtsmen.....	4		4		
54	Drill pressmen.....	146	77	69	77	
55	Drivers.....	100	31	69	31	
56	Electricians.....	24	7	17	7	
57	Elevatormen.....	36	5	31	5	
58	Engineers.....	48	12	36	12	
59	Factory hands.....	757	607	150	607	
60	Farm hands.....	384	320	64	346	26
61	Firemen.....	141	76	65	76	
62	Foremen.....	5	1	4	2	1
63	Furnace tenders.....	7	5	2	5	
64	Gardeners.....	21	16	5	16	
65	Gastfitters.....	2	1	1	1	
66	Grinders.....	45	43	2	45	2
67	Handymen.....	380	343	37	347	4
68	Harness makers.....	2		2		
69	Horseshoers.....	1		1		
70	Hostlers.....	18	16	2	16	
71	Hotel work.....	2	1	1	1	
72	Housemen.....	149	126	23	128	2
73	Ice cutters.....	664	664		869	205
74	Interpreters.....	1		1		
75	Iron workers.....	10	4	6	4	
76	Janitors.....	164	122	42	123	1
77	Kitchenwork.....	25	20	5	20	
78	Laborers.....	6,634	6,630	4	7,162	532
79	Lathe hands.....	64	45	19	45	
80	Laundrymen.....	3	2	1	2	
81	Linemen, not stated.....	1		1		
82	Locksmiths.....	2		2		
83	Machine hands.....	153	47	106	47	
84	Machinists.....	207	93	114	93	
85	Meat cutters and slaughterers.....	2		2		
86	Mechanics.....	1	1		1	
87	Metal workers.....	8	3	5	5	2
88	Millwrights.....	5	2	3	2	
89	Molders.....	81	76	5	142	66
90	Molders helpers.....	1		1		
91	Nurses.....	2		2	1	1
92	Oilers.....	5		5		
93	Packers.....	127	111	16	111	
94	Painters.....	40	17	23	17	
95	Paper hangers.....	11	9	2	9	
96	Pantrymen.....	2	1	1	1	
97	Panwashers.....	2	2		2	
98	Pattern makers.....	8	2	6	2	
99	Polishers, metal.....	1		1		

West Side Office—Continued.

Number.	CHARACTER OF POSITIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
		Number filed.	Number of positions secured.	Number unfilled.	Number filed.	Number unfilled.
100	Polishers, not stated.....	16	6	10	6	.....
101	Porters.....	382	336	46	338	2
102	Pressers.....	3	1	2	1	.....
103	Pressmen.....	2	1	1	3	2
104	Printers.....	3	.....	3	.....	.....
105	Punch press hands.....	52	32	20	36	4
106	Railroadmen.....	6	6	.....	11	5
107	Riveters.....	5	3	2	3	.....
108	Sailors.....	1	.....	1	.....	.....
109	Salesmen.....	10	.....	10	.....	.....
110	Sawyers.....	2	1	1	1	.....
111	Shoemakers.....	2	.....	2	.....	.....
112	Solicitors.....	5	5	.....	6	1
113	Steamfitters.....	14	4	10	4	.....
114	Stenographers.....	4	2	2	2	.....
115	Stockmen.....	236	223	13	226	3
116	Stone cutters.....	1	.....	1	.....	.....
117	Switchmen.....	1	.....	1	.....	.....
118	Tailors.....	2	.....	2	.....	.....
119	Tanners.....	1	.....	1	.....	.....
120	Teamsters.....	161	121	40	124	3
121	Teamsters, with teams.....	2	2	.....	2	.....
122	Timekeepers.....	8	.....	8	.....	.....
123	Tinsmiths.....	17	8	9	8	.....
124	Tobacco strippers.....	1	1	.....	1	.....
125	Tool makers.....	10	9	.....	9	.....
126	Truckmen.....	897	895	2	938	43
127	Upholsterers.....	20	19	1	29	10
128	Waiters.....	32	26	6	28	2
129	Warehouse men.....	244	244	.....	244	.....
130	Watchmen.....	270	221	49	273	52
131	Whitewashers.....	6	6	.....	6	.....
132	Wholesale men.....	6	.....	6	.....	.....
133	Window washers.....	263	263	.....	263	.....
134	Wood choppers.....	24	24	.....	24	.....
135	Wood finishers.....	2	.....	2	.....	.....
136	Wood workers.....	20	8	12	8	.....
137	Yardmen.....	11	10	1	10	.....
Grand total.....		14,660	13,000	1,660	14,121	1,121

FEMALES.

1	Addressers.....	8	1	7	1	.....
2	Any light work.....	1	.....	1	.....	.....
3	Apprentices.....	.....	.....	.....	1	1
4	Attendants.....	1	.....	1	.....	.....
5	Bookkeepers.....	3	.....	3	.....	.....
6	Bottle labelers.....	67	58	9	69	11
7	Bottle washers.....	49	46	3	49	3
8	Cashiers.....	15	.....	15	.....	.....
9	Commercial help.....	1	.....	1	1	1
10	Chambermaids.....	345	301	44	331	30
11	Companions.....	1	.....	1	.....	.....
12	Cooks.....	309	230	79	291	61
13	Dayworkers.....	284	109	175	113	4
14	Demonstrators.....	5	5	.....	15	10
15	Dining room help.....	197	173	24	214	41
16	Dishwashers.....	276	250	26	281	31
17	Domestics.....	552	537	15	1,111	574
18	Factory work.....	271	288	83	465	177
19	Folders, circulars.....	5	5	.....	5	.....

West Side Office—Concluded.

Number.	CHARACTER OF POSITIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
		Number filed.	Number of positions secured.	Number unfilled.	Number filed.	Number unfilled.
20	Fruit pickers	4	4		5	1
21	Governesses	1		1		
22	Hotel help	20	18	2	25	7
23	Housekeepers	140	62	78	80	18
24	Janitresses	13	5	8	5	
25	Kitchen help	261	231	30	259	28
26	Laundresses	187	173	14	191	18
27	Nurses	76	65	11	69	4
28	Office work	18	3	15	6	3
29	Pantry work	56	50	6	63	13
30	Packers	15	15		20	5
31	Saleswomen	2	2		2	
32	Scrubwomen	225	213	12	260	47
33	Seamstresses	76	63	13	98	35
34	Second work	50	43	7	59	16
35	Solicitors	3	3		8	5
36	Stenographers	12	5	7	6	1
37	Telephone operators	1		1		
38	Type writers	2		2		
39	Waitresses	270	247	23	296	49
	Grand total	3,922	3,205	717	4,399	1,194

PEORIA FREE EMPLOYMENT OFFICE, PEORIA, ILLINOIS.

SEVENTH ANNUAL REPORT FOR THE YEAR ENDED SEPT. 30, 1907.

(John W. Kimsey, Superintendent.)

Hon. David Ross, Secretary, Bureau of Labor Statistics, Springfield, Ill.:

SIR—In compliance with section 6 of the Act of the General Assembly creating the Illinois Free Employment Offices, I herewith submit the seventh annual report of the business of the Peoria office for the year ended Sept. 30, 1907, together with the expense of maintaining the office for the same period.

This report will give in detail the work of this office for the time herein stated.

Respectfully submitted,

JOHN W. KIMSEY,
Superintendent.

Statement of the Expenses of the Peoria Free Employment Office for the Year Ended Sept. 30, 1907.

Rent of office	\$780 00	Telephone and toll service—Inter-State.....	51 80
Advertising.....	200 63	Messenger service.....	11 36
Postage.....	33 00	City directory.....	5 00
Street sprinkling.....	4 00	Remington typewriter.....	62 50
Towel supply.....	12 15	Storage of awnings.....	2 00
Janitor service.....	120 00	Parole report book.....	10 25
Electric light service.....	17 97	Miscellaneous expenses.....	14 89
Telephone and toll service—Central Union.....	102 95	Total.....	\$1,428 50

Annual Report of Peoria Free Employment Office, to the State Bureau of Labor Statistics, for the Year Ended Oct. 1, 1907.

MALES.

Number.	CHARACTER OF POSITIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
		Number filed.	Number of positions secured.	Number unfilled.	Number filed.	Number unfilled.
1	Agents	21	19	2	38	19
2	Bakers	35	24	11	25	1
3	Barnmen	178	178	.....	180	2
4	Bartenders	12	7	5	7	.....
5	Blacksmiths	23	9	14	22	13
6	Blacksmith helpers	2	2	.....	4	2
7	Bookkeepers	11	.....	11	.....	.....
8	Bootblacks	2	2	.....	2	.....
9	Boys, bell	28	28	.....	28	.....
10	Boys, elevator.....	16	16	.....	16	.....
11	Boys, delivery.....	152	143	9	144	1
12	Boys, errand	1	1	.....	1	.....
13	Boys, office	12	11	1	11	.....
14	Butchers	5	.....	5	.....	.....
15	Cabinet makers	1	1	.....	4	3
16	Canvassers	2	2	.....	7	5
17	Carpenters	90	69	21	86	17
18	Chicken pickers	1	1	.....	1	.....
19	Clerks, not stated	116	76	40	76	.....
20	Coachmen	8	2	6	2	.....
21	Coal miners.....	24	24	.....	60	36
22	Collectors.....	13	1	12	1	.....
23	Cooks	196	132	64	134	2
24	Core makers.....	2	2	.....	2	.....
25	Detectives	1	1	.....	1	.....
26	Dairy hands	14	13	1	14	1
27	Dishwashers.....	228	227	1	227	.....

Peoria Office—Continued.

Number.	CHARACTER OF POSITIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
		Number filed.	Number of positions secured.	Number unfilled.	Number filed.	Number unfilled.
28	Draughtsmen.....	2	2	.....	2	.....
29	Distributors.....	53	53	.....	59	6
30	Electricians.....	6	4	2	8	4
31	Elevatormen.....	2	1	1	1	.....
32	Engineers.....	21	12	9	14	2
33	Factory hands.....	302	277	25	354	77
34	Farm hands.....	323	287	36	314	27
35	Firemen.....	32	24	8	24	.....
36	Fruit pickers.....	45	45	.....	45	.....
37	Furnace tenders.....	1	1	.....	1	.....
38	Gardeners.....	56	55	1	56	1
39	Handymen.....	1,337	1,336	1	1,336	.....
40	Harvest hands.....	4	4	.....	4	.....
41	Hod carriers.....	2	.....	2	.....	.....
42	Horseshoers.....	1	.....	10	.....	.....
43	Housemen.....	111	101	10	101	.....
44	Ice cutters.....	39	39	.....	39	.....
45	Iron workers.....	3	3	.....	3	.....
46	Janitors.....	60	30	30	30	.....
47	Kitchenwork.....	12	12	.....	12	.....
48	Laborers.....	3,897	3,897	.....	4,409	512
49	Laborers, railroad.....	14	14	.....	35	21
50	Laundrymen.....	2	2	.....	2	.....
51	Machinists.....	60	39	21	76	37
52	Masons.....	13	12	1	21	9
53	Millwrights.....	5	5	.....	9	4
54	Molders.....	26	26	.....	72	46
55	Nurses.....	4	3	1	3	.....
56	Packers.....	2	2	.....	2	.....
57	Painters.....	50	35	15	35	.....
58	Paper hangers.....	6	6	.....	6	.....
59	Panwashers.....	48	47	1	47	.....
60	Pattern makers.....	1	.....	1	.....	.....
61	Pianists.....	1	1	.....	1	.....
62	Plasterers.....	5	5	.....	5	.....
63	Plumbers.....	8	7	1	7	.....
64	Porters.....	256	237	19	238	1
65	Pressmen.....	2	1	1	1	.....
66	Roofers.....	2	2	.....	2	.....
67	Salesmen.....	6	2	4	2	.....
68	Solicitors.....	43	43	.....	65	22
69	Steam fitters.....	6	5	1	5	.....
70	Stenographers.....	4	1	3	1	.....
71	Tailors.....	2	2	.....	2	.....
72	Teamsters.....	451	430	21	431	1
73	Tenpin setters.....	36	36	.....	38	2
74	Tinsmiths.....	2	1	1	2	1
75	Truckmen.....	23	23	.....	35	12
76	Wagon makers.....	4	3	1	3	.....
77	Waiters.....	79	69	10	71	2
78	Watchmen.....	14	4	10	4	.....
79	Wood choppers.....	1	1	.....	1	.....
80	Yardmen.....	31	31	.....	31	.....
81	Miscellaneous, not classified.....	1	.....	1	.....	.....
Totals.....		8,711	8,269	442	9,158	889

Peoria Office—Continued.

Number.	CHARACTER OF POSITIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
		Number filed.	Number of positions secured.	Number unfilled.	Number filed.	Number unfilled.
	Positions secured—applications previously filed—					
	Blacksmiths		3	3		3
	Cooks		10	10		10
	Cabinet makers		1	1		1
	Farm hands		10	10		10
	Janitors		5	5		5
	Machinists		2	2		2
	Molders		3	3		3
	Painters		2	2		2
	Porters		1	1		1
	Stenographers		1	1		1
	Watchmen		1	1		1
	Totals		39	39		39
	Total males	8,711	8,308	403	9,158	850

FEMALES.

1	Addressers	2		2		
2	Agents	4	4		6	2
3	Bookkeepers	12	6	6	6	
4	Canvassers	4	3	1	10	7
5	Cashiers	48	35	13	35	
6	Clerks	50	16	34	24	8
7	Chambermaids	158	152	6	179	27
8	Companions	4	3	1	4	1
9	Collectors	9	6	3	7	1
10	Cooks	97	85	12	111	26
11	Dayworkers	438	391	47	391	
12	Distributors	1	1		1	
13	Dishwashers	130	127	3	134	7
14	Dressmakers	4	1	3	1	
15	Factory work	171	162	9	300	138
16	Fruit pickers	8	8		11	3
17	General housework	745	729	16	1,151	422
18	Governesses	1		1		
19	Hotel help	5	4	1	4	
20	Housekeepers	66	39	27	46	7
21	Janitresses	1		1		
22	Kitchen help	161	151	10	173	22
23	Labelers	3	3		3	
24	Laundresses	3	1	2	2	1
25	Linen room girls	1	1		1	
26	Nurse girls	33	23	10	25	2
27	Nurses	13	7	6	7	
28	Office work	31	8	23	8	
29	Pantry work	15	15		20	5
30	Packers	2	2		2	
31	Palmists	2	2		2	
32	Pianists	1	1		1	
33	Pressers	4	4		5	1
34	Saleswomen	1	1		1	
35	Scrubwomen	12	12		16	4
36	Seamstresses	25	16	9	16	
37	Second work	45	38	7	41	3
38	Silver women	7	6	1	7	1
39	Solicitors	4	3		23	20
40	Stenographers	26	9	17	9	
41	Ticket sellers	4	4		4	
42	Telephone operators	5	4	1	12	8
43	Vegetable women	5	5		5	
44	Waitresses	191	178	13	223	45
	Totals	2,552	2,266	286	3,027	761

Peoria Office—Concluded.

Number.	CHARACTER OF POSITIONS.	APPLICATIONS FOR EMPLOYMENT.			APPLICATIONS FOR HELP.	
		Number filed.	Number of positions secured.	Number unfilled.	Number filed.	Number unfilled.
	Positions secured—applications previously filed—					
	Bookkeepers.....		1	1		1
	Cooks.....		1	1		1
	Day workers.....		1	1		1
	Factory work.....		2	2		2
	General housework.....		1	1		1
	Nurse girls.....		1	1		1
	Stenographers.....		1	1		1
	Waitresses.....		3	3		3
	Totals.....		11	11		11
	Total females.....	2,552	2,277	275	3,027	750

